

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 4224
 caaancagct ttengacccc ttccggaccca tcgattcggt gctctatgtg atgtttatta 60
 tcaaatacat ataattttga agatttttaat gaatgnntta agattttatc tttgtgtaga 120
 atgtggctaa agaaacctta gttgagattc aagaagttgg tgtctgtttc tgattcttat 180
 cacaacttgc tacttagtgt ctaccaagtc ctccacctct ttgctcctca aagagctgtg 240
 aaaaatgatg gcaggagccg gtacaacacc acagacttag agaagggcac agtgctgctt 300
 tattgaatga tctaccaagg taaaattttg ccgggtcaag aaatagcaat ttaatccatt 360
 taaaggaatg aatataattt gaaacattaa cttattttcaa gactaacatc tcaaagtgtt 420
 gagacctttt ttaaaagagc tttctggatt ttgagcatatc tttcactggc tgtgatttat 480
 aagaatttgt ggtttgnnga gtactgccta aatgccaggg taaaataagg cagncccatg 540
 ccttacctgc cctgggctca nggcctcaca tctttttggt acgcacatct tttctcttct 600
 cccttgntct gctctcccg cgcataatcc tcttagcccc cagagcaaan nnnnanaaaa 660
 nnannngnnn cnnnnannnn tnnnnnnccn annnnnnnnn nngannnnnn naaaaaacnnn 720
 ngccttttaa ananatnggg gggncnnntt nccgnaaacc cccacnnngt nanaan 776

<210> 4225
 <211> 869
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(869)
 <223> n = A,T,C or G

<400> 4225
 gagtnnnnt tttgnaacct tgctaattgct ggctactcgn tctntctgca ggatcccatc 60
 gattcgaatt cggcacgaga gcagattcag tgctgatgag agcctgcttc ctgcttcata 120
 gatgatagaa gtgcaaagcc agctgtctgg gcctttttta tgatactgat cccattcatg 180
 aatgctctgc cctcatgac atttcaattc ccaaaggccc cacctcctaa tattatcaca 240
 gtgataattg ggttttcaac acatgaattt gagagaaaca cattcagttc ctagcatttag 300
 cttgcttata tttatttcat ctcatctctc ctcatagctt ttatttttgt tccctctgtc 360
 caatttatta tagttttttg tctttttata acttttaacc atctttttaa tttctcttat 420
 ttatttctct ttttactggt gagttacaac tctcggtcta ttcagtggca aagcaggaag 480
 agatggcact gaggcactct gatcctgaag gatcttttaa ttcctcttag cagtcttaac 540
 attttttcca tcagcccctg ctatagtttg aatgtttgtg ttctctttta aatccatggt 600
 gaaacttgat ctccaatatg acagtggtaa gaggtagggc cttatatttg agagcactac 660
 agggtgagta cactcaataa taatgnattg gatattttaa ataactaaaa ttgtataatt 720
 ggaaatgggc cctaacccca aaggaaatgg ataaatgctt ggggggttgat ggataccccc 780
 aattaccctt tatggngant catttacata ttnaaatgnc ttggatcaaa accattcacc 840
 ancattcccc accattaaat gntntnnn 869

<210> 4226
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

<400> 4226

tnaaaataca	ggctacttgt	tcttttttgca	gggatcccat	cgattcgaat	tcggcacgag	60
agggacaagg	ctataaatat	cattaatacc	aggttcagga	gtttgcaactg	cactaaaaat	120
caactcagct	atttgagcac	cttttataga	gtggaaatgg	ggttgggcag	tagagaagag	180
cactttttaga	gaggcttttc	tgcagtagtc	aggggttaca	cctgttaacc	agccataatt	240
tttttttttaa	gcggctgtgc	tgaggatgag	ccccatgtag	ttgggtgcagg	tggggacaca	300
ctgcctgtgt	aactagaaaa	actaggcatg	gccgggcacg	gtgggtcaca	cctgtaatcc	360
cagcactttg	ggaggtcaag	gggggaggaa	cacttgaggc	cagagacaat	ataatatata	420
atataatata	ttgaccagcc	tggacaatat	aataagagcc	tctctgtaca	atttaaaaaac	480
taaaagcctg	gggtggtggc	acatacctgt	agtcctggct	acttgggagg	ctgtggcagg	540
tggattgctt	gaacctagga	gttcaatgct	gtagttagct	aggatcgtgc	cactgcattc	600
cacctgggtt	ggagtaagac	cctgtacaca	cacacacaca	cacaaaacaa	tgcacaatgt	660
gcatcaaaaag	ggaagcgaat	aggctctgta	gtagggtggca	aaaggtggtg	gtctgggaaa	720
caaggccacc	tgtggtgtgg	ggtgggaaaa	tgtttaaacc	ctt		763

<210> 4227

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(865)

<223> n = A,T,C or G

<400> 4227

gnnnnnnnnn	tttnnaactt	ttcaaatatc	ngctacttgt	tcttttttgca	ggatcccatc	60
gattcgaatt	cggcacgagg	gccgctgctt	ctttcccgag	cttggaactt	cgttatccgc	120
gatgcgtttc	ctggcagcta	cattcctgct	cctggcgctc	agcaccgctg	cccatggcat	180
cctgatgggc	gtcccagttc	cctttcccat	tcttgagcct	gatggttgta	agagtggaaat	240
taactgccct	atccaaaaag	acaagacctt	tagctacctg	aataaactac	cagtgaaaag	300
cgaatatccc	tctataaaaac	tggtggtgga	gtggcaactt	caggatgaca	aaaaccaaag	360
tctctttctgc	tgggaaatcc	cagtacagat	cgttttctcat	ctctaagtgc	ctcattgagt	420
tcgggtgcac	tggccaatga	gtctgctgag	actcttgaca	gcacctccag	ctctgctgct	480
tcaacaacag	tgacttgctc	tccaatggta	tccagtgatt	cgttgaagag	gaggtgctct	540
gtagcagaaa	ctgagctccg	ggtggctggt	tctcagtggg	tgtctcatgt	ctctttttct	600
gtcttaggtg	gtttcattaa	atgcagcact	tggttagcag	atgtttaatt	tttttttaac	660
aacattaact	tgtggcctct	ttctacacct	ggaaattttac	tcttggaata	aataaaaaact	720
cgtttgnctt	ggcttctgca	aaaaaaaaaa	annnnnnnnn	nnnnnnnnnn	nnnnnnnana	780
aaaaaaaaact	nngagccctn	tanaactntt	ngggggggcg	nntttacett	anaatcccg	840
accttggatt	angnatnccn	ttnt				865

<210> 4228

<211> 1228

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1228)

<223> n = A,T,C or G

<400> 4228

ggcngtncc	ccttattgga	acctttctaa	tgctggtnta	ntccangtac	cnntcgtaac	60
cacgattcga	attnggcacg	aggctccacc	cagttctccc	agttentnat	ggacgactcg	120
ctactgctgg	cctngggggg	gttcctgggg	cgcacaaact	cctnatccgg	cgagattgct	180


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gtcatcagcc tanactcett cgcgctgctg tcccgcntgc ggaacaagnc ctatgacgng      240
tttggctggt ggctcaccen ngaccagcct catcttnngg aacctgcacc gnattgnana      300
tatnacctnc tgcntngtgc tgnngcttaa cnttgnctan aacnatgtgg agtnngagaa      360
cgtcaacgng gtgaagcngg ctgnttaaga tccanaacct caatgncngc nncgtccgca      420
cgggtgatggt gggccgncctg canccgnttc nacagtccctg anttaaaaca gttnngccta      480
ccnnncaaan ancnatncat antnctnatn tctntntttt ncttcnaann tnnccatctcn      540
ntacttanaa tttcncttnc naancntttt cntnttttnn tnntancntn ttctnnctcc      600
tcccnntct ctatcntgan ntccanntan tcttnnnnta ctacattctt canttcatan      660
tctctcanan ttnnnctent annntncatt atccttncta ncnnaactc ttatcacent      720
cgcanacanc tantnnontn tcaencnate ttctaatana catnccctct ctcgcnctc      780
tctnacnctg taacntctat atntnnttcn ctgcatnctn aataatata ntacactcan      840
nacaananna canacaccnc tcatnttcat actntntaan nctccnctcc tcatntnttc      900
tcgtcttnta cataactcaac tactctatat ancgtngaen cngggnnatct ctncgaannt      960
tctcnctcac ttnagtcacn attntatcac tntcaactca tntcncgtct ccntctaaca     1020
nnccattac cntcantngt gntnttnnct cnetcaacten ctntacatca tnnactnntc     1080
tantcatgct nanatatang tcncttcana taenncgnta nccengnnat nttntctcan     1140
aaccacnct ctatntttat ttctgtacac tgcaatcnca taatcttcgg catcnttcca     1200
tccgncatct ncnnnnnata tcanntnt                                     1228

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<210> 4229

<211> 920

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (920)

<223> n = A,T,C or G

<400> 4229

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gngnnnnnnt ttgnaacttg ctaatgctgg ctactngttc tttttgcagg acccatcgat      60
tcgccaacat ggtggtctca aactccccac ctcaggtaat ccacctgcct cagcctccaa     120
aagtctctggg attgcaggag taagccacca caccgcctct cagtgcctgg acttctgcag     180
tggaacttctt ttaaaaatcc tggaatatac actgcagtag aagaacaaag cataacttcag     240
tcgtttaagg ctgaggtatg ctttggtctt ttactgcagt gtatattcca gccttaaaccg     300
actgaagaag aatgtcaagt ggggaagtgg ctttggtttt cagtttgtgg gttctgaatc     360
cacacaaaga caggattgct ttctgaaaac ctgaattaat tattgtcctt acctcaataa     420
gacaaaaaat tagaatcaaa atcgttagta ttacagtcac agatatcacc aagattagtt     480
tgttgttata gccatatect ggaacttctt tcgtgagcta aaaaaaanaa nanaaaaaaa     540
nctngagcct ntagaactat agtgagtcgg tattacgtag atccagacat gatnngnatn     600
cattgatgaa ntttgacaa acccncaact tngaaatgca tttgnaaaaa aaatgcttaa     660
tttgnggaaa atttnnggga anccntatng gctttcantt tngnnancn nttntnnntn     720
cnnggccttt anaccnangn ttanctacca accnaattng nnattnnatt ttnnantggt     780
ntnnaagggt ttnaangggg ggnnaangnt tnggnaagg nttntntnaa nttnnnncgg     840
gccnnnnntn ccnaantnca nttnggncnc cnngccnccc anantttttt gncccnttn     900
tatngagngg gtnaannctt

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<210> 4230

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (810)

<223> n = A,T,C or G

<400> 4230

gnnnnnnttta	annnnnnnnnn	ttttnaanat	acaggctctt	gttcttttttg	cagggateccc	60
atcgattcga	attcggcacg	aggtgattcc	tatttcaata	tgtgaaacac	ttaaccaaag	120
aatatatttc	gatgaatctt	aaacttgcc	taaaaacaga	agaggttaaa	aagaatttag	180
aaaaaataaa	gttttagagt	gtttgagaat	gtgtatataa	aatattttca	aagccataat	240
atggatgctc	ttatggctca	gaagcatgcc	tactagaaca	cgtctcggaa	tgagagatgt	300
ttaattctgt	cacctcccag	aaagttttgc	agggtttctc	acttgaattt	gcttcccctt	360
gcaacctctt	gtcctgaagg	cccccttccc	acctggaaat	gctgaggcat	gggtgtgata	420
agaatcagtc	attttgaaga	gaataagatg	atgactttat	taacatttcc	atatatgctg	480
attgtgtgtg	tggcgggggtg	ggggctgggg	tggaggctta	aggcaaaagc	tagaattagt	540
catatgaatt	atgggcttgt	ttggagaccc	acctgaggct	canccttagc	cctcaccac	600
ctggggagtt	tactacctgg	gggccccctt	tgncatgcc	tccacttcca	aaacaattca	660
attgcttttt	ttttgggtnc	caaaaataaaa	ccctcagcnt	agcttcttgc	cnannnnaaa	720
annnnnnnnn	nnnnnaaaac	tcganccctn	taaaaactat	aagtgaggtc	ggttttaccg	780
tagatnccna	accttgataa	gaaaacattg				810

<210> 4231

<211> 810

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(810)

<223> n = A,T,C or G

<400> 4231

gnnnnnntttt	caaatacnng	gcctcgtgct	tttgaggat	cccatcgatt	cgaattcggc	60
acgagagtca	ttacaagtta	ggatcctggg	taaatggcaa	cctccacctc	ccaggttcaa	120
gcagttctcc	tgctcagtc	ccccacatag	ctgggactac	aggggcacac	cagctaattt	180
ttgtattttc	agtagagtgt	gggttttacc	atgttgacca	agctggcttc	aaactcctgg	240
cctcaagtga	tccgcccacc	ttgacctctc	aaagtgctgg	gattacaggc	atgagccatc	300
acgcccggcc	acgctgttgg	ttcttaatat	cacagcttaa	ctttattgtg	aaaagattgc	360
agcaacaaat	gagattttac	ctgtatttgt	taaaaatgct	tatccttgtc	taagactggc	420
aacataagca	gttcttaggc	ttctatgcca	atggacacta	ggcagtaata	catgtgcagt	480
gctaatagaa	aatattggag	taagggtgta	ctaaggaggt	tctcaatctt	tccccttcac	540
tatcttctgt	aatgtaactt	caataaatgt	gattctcatc	ttggcacaaa	attgggaaaa	600
aaaaaannnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nntcnggcct	ntaaaacttt	660
aggggggtcn	tttttcctn	naccnncnc	cttganaang	aancnntng	gnngngntt	720
ngggcccanc	cccacantg	gaatngnnng	ngaaaaaaa	aggnttttt	tnggnaaaat	780
tnggggnngg	cttngnnntt	ttttttnnan				810

<210> 4232

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4232

caaactnnag	ctactngttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgaggtc	60
atgcccggct	aatttttgta	tttttgtaga	tacagggttt	naccatgttg	gccaggctgg	120
tcttgaactc	ctgacctcag	gtgatcacc	gcctcggcct	cccaaagtgc	tgggattaca	180

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ggcgtgagcc actgtgacgg gccttacatg caatTTTTat ttatagccag tattagagaa 240
ttactaggaa atttcatttt tatatttagt gggagaaagc catctacagc atgtcttcaa 300
gcatggacta tctgtaacat acagtgtgct tgcttttgaa ttgnttgant gttaaatggc 360
cgtaactgat tgnattttcg ttaattgtta atanataaac cagatgttct gaaatctgtt 420
cttaaagcag ntgcctcaa tgggtntttt gcctncctgc ttctgagcct cttgggntta 480
ctggagagta caggtcataa agagacctga actcttggtt tatcaaccat tatgtcatcc 540
tctnactgcc aacattttna aacagactga ggtntgcctt tcgtaanaaa catntactta 600
catattgcca ttccttggtt tacctggggg aaagcccnna tcgttnttag gacttnanan 660
ggaganacac aggtctnttg aaanggatgc cgggggctta atnaaataaa aaacttttgg 720
ntcaataana agtctggnat taaaaacaan attaattcaa catttntggn agaaggnacc 780
ttggggcngg gaat 794

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<210> 4233
 <211> 927
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (927)
 <223> n = A,T,C or G

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<400> 4233
nntgggntt tcnnnnctg ggatactntc tctctgnagg ngncgatggg attcgaattc 60
ggcacgaggc ggagnaagag gggtngtngg ttggaaggag gaattctcct ttagggaaga 120
tgtctgggaa ggntctctg agagagtggc ctttngaaag gagaccctaa ttggntgacg 180
gatgagaggc tgaaccatgt aagtatctgg ttggaaaaca ttncaagcgg ctncagangg 240
tntgtgcaaa ggcnnttga canggtcacc cnngnttaca tgccnccnt nageccagcct 300
nntaaagnaa aggtntcat naacaaattg cnnaaancct nnnnaggtnn gncanaggag 360
ggagaggcnn tggaatgttt tgctngaata gggtagtag tgccctnca tgattgacca 420
gttccccctc tcnanaatgt tncctnactg ncgcagggtt atgtagnngg ggntgccnt 480
cccatanttn gncctctctn tancctggnc cntgggntgg gatgaangtn catccganna 540
cancctttta nagttgccc nctgtctcna ttnacnnatn acccccnncg aaactttgtc 600
tcccnancac cccaaggatt tcccttnggg tatcgnccnc anaanaaagc aannngtngg 660
atcaaantaa tgggcnccca ncanttttgg aattatncta cncctgnaga ctcccnttca 720
nttngcnttt taaaaancn cttttntnn cgggntnggg tgcaantnnc tcttnaaatt 780
ctaaacnnat cttgnnnacc cccnccctaaa cntgggnnnng gncccctaan ctttccnact 840
tcaacaaaan ngtgaanttg catattatct tncattttgg ntctntaang acccnaatgc 900
nnggngntat nannncanan nnnncnn 927

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<210> 4234
 <211> 809
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (809)
 <223> n = A,T,C or G

```

<400> 4234
ggnnnnnnng nnggttnana cncnnnnnn ttttcaaant ctaggctact cgttcttttt 60
gcagggatcc catcgattcg aattcggcac gaggttttagt cttgtagctg tatagcatte 120
cattgtataa cttataattt atttatgggt tgtactattg atgaacattt gagtagtctt 180
cagtttgga ctaccacata tgggtgctgt atgaatactt ttgcacaggt atgtgaacac 240
atgtacacat tgcagttggt atatatacag tactgaatta ctggcttata aatatcatta 300

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aatttttaaaa acaaaatttaa ttgccacaag catattattg tatctttgaa ttttaaacca 360
aattaaaaat tctatgagtt gttgaatatt ataattgtac tattaagttt aaattgtctg 420
tgactatagc tataagacga tgcccatggt actttgaatg gcaacactag caaaataata 480
ttctaaggaa gagggacang ttttggggga caactancan tgtctgtagc ataatataga 540
ctacaaattg attactatat caccatgaa ttttagctcag actcaaacac aaatttantt 600
tcttttaaaaa atagaaagtc catttatntt taaatggggc ctgattttcn nanaaaaaac 660
nnaaaannan aaaaanccgn ccttttaaaa ctatagggga gtncgttttn cttnaatcca 720
gaacttgata ananacattg ttgagtttng gccaaaccac aactagnatn gcantgaaaa 780
aaaatgcttt ttttgggaa atttgggat 809

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<210> 4235
<211> 853
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(853)
<223> n = A,T,C or G

```

```

<400> 4235
agngtntnnnn ttttctaacg ntggntactc gntctttttg caggatccca togatccggc 60
acaattggta ttcaaaccca agtctgtttg actcccaaac ccatactttg aacctgaagt 120
ctgtactgct gaaagtttct ccttattgaa gaatttatat tttgcattaa tttatgtctt 180
cagaattata caaagtattg ggccacacca aatttgagtc tggatatagta gccttcttgt 240
aaaaaattat atcatataac atttttatga ctgtgaagac ctcttaattc ttcaggaagg 300
agggcccttt ttcaaatcag acatcctggg gtttttactg accttatttc attctctgaa 360
gaatgaagga atttccact ttgtagtaag tcatggaatg tatagcattc cttctatagt 420
tgaaccagat aaatattagc aagtctgttt agaatatgac actggaagtt ttttccgtgc 480
tttttttaaa agaggttttt ggaattatag tcaatctgaa acttgggtctt actaataaag 540
aagtgaacc taagtgaact cccttgctcc ctgatggctc ttggtataag tctcacttaa 600
gtttctctga cgattttcag ggttnatttt tgtgagtgc ccaaggaacg gtgtattttg 660
at ttgaaaaac tgaatggntg gaggtgtgta ttggaagcaa tagtctgaat ctttttgggg 720
gtnatatact cctttttgaa gctgatgaaa gcttnggnaa acntccana aaataaaccc 780
ttaatcngc ncatnaaang gaanntngc atttcnnntt tnnngngacc cngntnaata 840
tncaattntt nnn 853

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<210> 4236
<211> 787
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(787)
<223> n = A,T,C or G

```

```

<400> 4236
nnnnntttta agancagctc ttgttctttt tgcaggatcc catcgattcg cttgctcacc 60
ctcatttggg aaactgctac gttaaatgtt tcaggatgtg ctgattgacc tgggctgctt 120
ccgagaaaatt gatgagctaa taaaaaagga aaccaaaggc aaagggtctt tgggaagtact 180
caatctgaaa gatttgaaga aggagatgag aaatttgaat gacacccatc agtctcttca 240
cctctaaaac actaaagtgt tttcgtttcc aacagcactg tttcatgtct gtgggtctgcc 300
aaatacttgc tcaaaactatt tgacattttc tatctttgtg ttaacagtgg acacagcaag 360
gctttcctac ataagtataa taatgtggga atgatttggg ttttaattata aactgggggc 420
taaatcctaa agcaaaaattg aaactccagg atgcaaaatc cagagtggca ttttgctact 480

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ctgtctcatg	ccttgatagc	tttccaaaat	gaaagttact	tgaggcagct	cttgtgggtg	540
aaaagttttt	tgtacagtag	agtaagatta	ttaggggtat	gtctatacga	caaaaggggg	600
gtctttctaa	aaaaagaaaa	catgagcttc	atttctactt	aatggaactt	gtgggtctgag	660
ggtcattatn	gnatcgtaat	ataaagcttg	gatgaatgtt	cctgattatc	ttgagaaacc	720
agatnttgaa	aaattgnggt	cgggccttaa	ataatttcgn	tggacatgct	gncataactt	780
aaaatat						787

<210> 4237
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 4237						
nnnecgnngtn	ttnaacnnc	agngntttag	ccnagctatc	gntctttatg	cngganccca	60
tcgttcnaat	tccgcacgag	aaancatcaa	ggtaggctgnt	tgnnagcant	gatgatgacg	120
aatctgattc	tnangatgac	agtaatacnt	naaaattnaa	ccncaanttn	ngggcngagc	180
tggacaanaa	ggttnttgaa	nactnaanat	anttagactt	ncctnntgtn	ctnatTTTTT	240
gacataggtc	ctnaaatctg	gntnaangca	ggcgccccct	atcctacntt	atntcatcng	300
ggngtctant	aggagagtga	ganttntgtg	atccnntntg	attgggncan	nngtagatgg	360
aggcggctca	cataccaatg	ttggaatnta	agcagtgcgg	ggaggtntac	atnngcagtn	420
ctctccncaa	gctaattcnn	ggngcagggg	cnatnatnca	tggttnttgt	ctgtctgtgg	480
aaacaatgna	tttangcnn	ccnctgggca	cnnctgacag	atcttcggat	gntgctcttg	540
tntctaaaaa	ctgggtgtcn	agangaacac	tgatgtatgt	anatgaaaaa	aatnctnngc	600
ttaggganng	nggaatcttg	ctgaagngaa	aaantnaaag	ncctngantt	tttttncaan	660
ggntnttgc	naaaataann	ttaaacgaat	tgtacnnaac	acntgaaacc	gtangntggg	720
ttttnanttt	ttnggggngn	tnaaanmtt	ttgggtccaan	nnnggcagtg	nccttncccc	780
tttctatatt	aaaaaaggnt	tcggtancnc	aaaangaat			819

<210> 4238
 <211> 1421
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1421)
 <223> n = A,T,C or G

<400> 4238						
gngngnaaca	cngaananeg	aaaccnanna	aacggcncna	anancnggna	aanacangcn	60
ncggncncng	ncangaaccc	nttgcaacnn	ncctntangc	agancccanc	ganncgngtc	120
ngnaangccn	gctgcntggg	aggccagggg	caggntaat	tcnctgana	nnnagancag	180
gnngaannnn	nngccgggcn	gggnagaagn	nnaacggaca	atgncacatt	caaagcanga	240
nccacccana	nagcgnagca	nnggnngaag	ccagggaang	gacncnctgn	canttggaag	300
actngggaag	ccngaaggan	cgagggggcc	tgccggncn	acaanagnag	ctcantngaa	360
gggacgttna	cncaannggg	acgcnagaac	gcggccaanc	aagatacgaa	aggggaaann	420
ccggnacgag	agcccnnggn	nacggcncnc	ggaaaanggt	agaaaaaaga	ataaaggggn	480
aanngatcgn	aggnatngag	ggccatnggg	ancacaggcn	caaaaangggc	cancaaagan	540
cacagnggaa	gngnccanag	nactncgggn	cgggagatca	gggggngata	aantgaataa	600
ccaaggccna	nggacncgaa	aaaaggngng	nccaaaaang	ggggncnanc	aaggggggag	660
cnnccaaaaga	ggncaaaaana	aaatngccng	aggggcnaga	gaaaccnccc	ncagaaggan	720

```

gggggncaan aaaatcnaac cnnnnngggnn naaangnggg ggggggggaaa gggacnntca 780
ccaaaggcnn canaaaaaann ngaagggnncn ccccccnca aaaangnaaa aangggaaaa 840
accnntatnc nagttcaggn naaaaagtng ggggggaaaag gcccnaaaan aaatttaaatt 900
naaggangaa anccnnngag annaaccccc cangggcaaat ngggccaaac atgggnncac 960
ncggggcnnng gggggcatng ggcccccaaaa tnggnccccc ccnaccgggn aaagggggggc 1020
aaaaaaggan cgggngana aaaanggnncn gcctcccata gggcaaccat ntgcacgggg 1080
gccnccncaa attngggnag ggnaaanncn aantcgcnca ccaatgttaa ngggaaaagc 1140
aaccggcaaaa agggccatnn ggaangangc ccengnaaac caaanagaca ncaggntagt 1200
gaaccttccn aangggaaat aagatnccgg naaaaggcaa ggncgnaaag aaagtngaaa 1260
nccgangnaa ccngangana aggcnaana ngggaancna ttacannncn aanaagnagg 1320
caangntgrn ggaaagaaag atccaaagcc cnnnggnngc agnatgccng gnaaaantgg 1380
gaagntanna ngancctgcc aaaggcttng gaaaaacnnc c 1421

```

<210> 4239
 <211> 864
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(864)
 <223> n = A,T,C or G

```

<400> 4239
gnngtnnnnn ntttncaann tnggctactt gttctttttg caggatccca tgcattcgan 60
ntcnaggcc ggggncctgt cattntngat catnatcttn ngntatgaat nggaccttta 120
cagtcactga caggacaaca acaggctgga gtngnggccc atnctgctgn ngtgcctnna 180
agaccacanc cctnanaggc tntctggtcct gctgtgcatn gccattgga tgccganggg 240
ctnatnactc anactagtac ctacntgat cagatgncag aatcaaccaa atnntgcaga 300
tttcagtng ttgtgaagta tttgctgcat caacatgtag aacgactaac attcatgatg 360
aagccgagaa acatncacaa gtctgncgg ctnaaaaagc ttatgatcct gcacgntntc 420
tnatagtngg ctaaacagat ggtataaact gacgaanaga cagctgctac tgctcctgcc 480
aatgtgagca aaggcacaat actacttgct ccaggacctt aacctgttcg aagaagattg 540
taaattggaa gatgaattta ggccagaagt ngatgaacat acncaaaaana cgggtgggct 600
tagctgctgn ncntgcatca caacctnntn ttncagntc tgctgggaac gataaganng 660
tnttcangca tcaattagnc gtaataagga aaccngcanc gatttngncc aaatgggnata 720
gcctattgca gggncnaatt taaaggatgt ncttnnngag anaaattacc tgggaagttc 780
aactgggaac aacntcnaac cattntctna cctataagcc aantggccgt taactgtgaa 840
catncttggg ttttaaaann gcnt 864

```

<210> 4240
 <211> 468
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

```

<400> 4240
ntccttttga ntacntntac aagctacttg ttctttttgc aggatcccat cgattcgaat 60
tcggcacgag atttcaacat actgttgtct aatcatcgtg actcccccaa tttctctttt 120
ttagaggaaa gtattgtaca gatgtatctt gaagattata atcttggttg attattgcct 180
attctcactt taggaataga tgggtgatagc ttatgacttg tggtgtataa cgaggtagaa 240
atattgctgn cttctctgac atagcttctc aaagagatca ttaatgtatg atatctaata 300

```

aaccatctaa	tgcatgtaac	agtgatcagc	aaattaataa	attagacctc	tattcatgct	360
taaattatca	aagctaatat	ttaaatagaga	tggtctatctt	taattaaaat	ttctggcacc	420
atcggtaatg	agacttagaa	tttcaactag	tgtatttagc	tcttactt		468

<210> 4241
 <211> 476
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(476)
 <223> n = A,T,C or G

gtnntnnnn	tttgantnca	aatacaagct	acttggtctt	tttgcaggat	cccatcgatt	60
cgaattcggc	acagaagacc	aagcgcgcatgc	gancctcttt	caagcatcac	cagctccgga	120
ccatgaaatc	ctactttgcc	atcaaccaca	acccggatgc	caaggacctc	aagcagcttg	180
cccagaaaac	aggtctgacc	aaaagagttt	tgccagggaga	acaaatcttg	gggcattaca	240
gccaaacatc	ccgacgtttg	aaaattccct	aaagtattaa	aagaagggga	aaagtttgat	300
cggaaatcca	ctgcagtga	gacaaagaca	ctattaggtt	atgataatca	tacattaaaa	360
aattttattaa	gccaaaaaaa	agagagagag	agagacttaa	atgtcattta	ctgaatgtta	420
acgaaacttg	tggtctttat	ggtgtctaac	acaactgaag	gcctaaaatt	atgtgg	476

<210> 4242
 <211> 846
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(846)
 <223> n = A,T,C or G

gtnnttcn	aanngntggg	aactcgctct	ntctgcagga	tcctctgatt	cggaaatata	60
gngagatgtg	ggatgtgaat	gcccattgaaa	gacatattat	tacacttgaa	tatattcttg	120
cttcacttta	ccctncataa	natgntgtac	attagtgtctg	atcangttta	cagagntaca	180
tgggcgcttt	cctaaccatt	cagtnangaa	ttaaaatattg	gcattgtata	acaactggga	240
agaagctcat	agnggatata	aagtagagta	gataatgggt	caccttggt	agcctctgat	300
acattcttgt	atatgggcaa	aataatgatt	acctatacgt	gtatttaagc	ttaagcatca	360
tataaacagt	ctttttaanc	ttatggtaaa	ntnnatnata	tntaaaagct	gtgatctcta	420
ggnagtcctt	aagtnattag	tacnagnactt	naaaaagatt	tttaataggt	ccgncaccgg	480
tggnntcatg	cctgtaatnc	cagcacttcn	ggaaggctng	angcaggccg	aatcacctga	540
aggctcnnnga	anttcgagga	tcanaccttg	gccaaacatt	ggtgaaaacc	ccntgggtctt	600
aaacttaaaa	nnnttttaaa	aaanntaagc	ccnggccntt	ggntgggnan	aggcgncctt	660
ggtaaaccn	aagctntcct	ttaggaaagg	cttgnaggcc	anggagnaaa	ttancnttgg	720
aanccnnaaa	gggggcanaa	annctttncn	gtctcngcnn	aagnaatcgc	antcaaattgg	780
naactntcan	accntaangg	ggaccaagna	ancncnnana	cnttnattct	tcaaaaaaaa	840
aaaaat						846

<210> 4243
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4243

tnananctgn	tnncnttca	aatnctnggc	tactngttct	ttttgcagga	cccatcgatt	60
cgggaagagg	atgactgggt	atgctgtgcc	acccttgagg	gccatgaatc	cactgtgtgg	120
agcttggcct	ttgacccgag	tggccagcgc	ctggcgtctt	gtagtgatga	ccgtactgtg	180
cgtatctggc	gtcagtatct	accaggcaat	gaacaagggg	tggcatgcag	cggtcttgac	240
cccagttgga	aatgtatctg	tactttgtcc	ggcttccact	caaggaccat	ttatgacatt	300
gcttgggtgc	agctgacagg	ggctctggcc	acagcttgtg	gggatgacgc	gatccgcgtg	360
tttcaggagg	atcccaactc	ggatccacag	cagcccacct	tctccctgac	agcccacttg	420
catcaggccc	attcccagga	tgtcaactgt	gtggcctgga	accccaagga	gccagggcta	480
ctggcctcct	gcagtgatga	tggggagggtg	gccttctgga	agtatcaacg	gcctgaaagc	540
ctctgagcta	cctcgacttt	ggacagagta	atgacttccc	cagaaaacct	catataagac	600
ttttaccagc	ccctgaanga	ccaagaggga	gccattcctt	tgaactttct	tttaactttg	660
gnttnacttc	tctttaaaac	ttggggtaga	aantgcaaaa	gccncanaaa	attgcttttc	720
cnttcccccg	ccttttgaac	atgaaggnc	ttnaattaaa	agaagcttcc	cgggaaccatt	780
naaaaaaaaa						789

<210> 4244
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4244

nttectaagt	tttcggntcc	ttncctccgc	ttctaangct	tggcgtgcac	tcagccctac	60
atgacagagt	gagaccctgt	ctcaaaataa	taatnataat	gaactgagac	tcanaaaaga	120
tgtttgttca	nggttacaaa	gctcagacag	gacagggcag	cattggaaac	caaaattggt	180
ctgactccta	gctcatgctg	taaatcacgg	tgcaaggctt	ctactatcta	tgttgttcct	240
aaaagaatgt	ataaatgaaa	agatggttaa	catattaagc	aaaatatgtt	aaacgtcaaa	300
tgaactgtat	aaacgataaa	tgctggagag	ttgaggtggc	aaagaactca	tgcccagagg	360
gatctgggaa	ggcctcttga	caaggtggaa	ttatagctgg	tttttgaaga	atccgaaagt	420
gcttagattg	aaaggtgaga	catgtacagg	aatggtttct	aagatgtcat	attntatctc	480
tgctctcatc	ttgactggca	ctaataaaca	tcaaagattt	caacctaaat	acattgagtg	540
cccagtatgt	gaanggcctt	atttatgggtg	gtttaaaagc	tttttaacat	actttaaaag	600
aagggactgg	ttaatctnca	ctgnctagat	ccattagacc	ccggaccgga	tggccccang	660
ggcctttggg	aatggcgtgg	tgggacagtc	ttncactttt	gcacataccc	aagaaaagaa	720
tggncctttt	gggaattttt	cagacctaca	atctggagg			759

<210> 4245
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4245

```

tcccccttgaa ancccntaac caggettcnc angncaaacn ntttgaaaa nccaanacnn      60
aaaanaaang gganggggnac nncngcacgn ngcaagagan tacacaganc ngacngnttt      120
taacgannat cgnaaaaccc caaatggang gannttgagn cacntgcnaa agggcccaac      180
tgctcanttt aaaaaagagc agngtccgac annngcaaag aaangcagan naagaggcaa      240
ggaccccaaca gaacacatan ctgaaaataa tncngaataa ntnnacaaca cgggtggggg      300
aattcaanng gacgnaagnn ngcatccntn nttcctnata ancctcaaat gnaatcgga      360
aggcaangnt ggccacaatt ccacaaanca acgggatttta ccatnannnc tncangattt      420
caccaggata ccatantcaa ggagtgaaaa gaaaagtggg gaaattcaag gaacttggga      480
cccaccnngn nanaccntta aaaatnaagg gactcntcaa gaaaaggga cctnangag      540
tcnnaaaaaa aggggaagang aatggaang ggnccataaa ggcccnggn aaaagggatn      600
caagnaagaa anaaaaatgc aanttanaaa ggactggga gaaagganaa naggnnncag      660
gcgaaaacag ggcccatcta ggaancngg ngaaantaan tncngncnag aaaaccnncn      720
gcaaaaaggg naantcgnnn nnacnnanta aaanccnnc aanggatngg caaannnncn      780
aaagggntag aaangncanc ngagcgagnt acacgnanaa aanncnata ananntaann      840
cc                                                                                   842

```

<210> 4246

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4246

```

gnnccctnn ctntacanta caagctactt gttctttttg caggatccca tcgattcgta      60
tctgtctgtc ttgatctcta ttctagcctc tttttctgat tggccctctc ccctctcttc      120
tgtctgattg gcctgtatcc ttccatcacc ccctctgtct gctggattct ccctgtctgc      180
ctgcagtaat gtatgtgata gcactttata aattataaag cactatgttg tataaaacac      240
cattatcact ttgtcttctt tcttacctta tttttctctc ctttatctgg ctccctctct      300
tctctctttc tctctctctc tgtttgcttg tctgcctccc ttttggtgat tttgctgccc      360
ttctctgtca gtcaatctcc attccctccc tggcagccta tttttctgcc atccctcttc      420
tctgtctgct cagttcttgc atctctctct ctgtgtttcc aggtttctct atatttcttt      480
tgctgtgta gtctctctgt cgttaggcct tttatctatg cctgtgtgtc tcaactgtcta      540
nctgcttgtc tccctgcttg tcaactttcat tgtggggcat caagtctctg ccttctctctg      600
tctttcaagt acttcaaaaa ataaaaatta aataaaaaat taaatcctta tgataatggg      660
tacangagaa attttttgtt taatgagaag atataaggng agacaaagaa ctcaaaatta      720
ctgtgaaagc aatgaanaaa                                                                 740

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<210> 4247

<211> 465

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(465)

<223> n = A,T,C or G

<400> 4247

```

agccttttgc nacnctttc aactacttgn ctttttgcag gateccatcg attcgccaga      60
aagtgccttt acatttttgt cttggaacaa ctntgcaatt tcatcttgat ttaatatttc      120
tagtaataaaa gcattcttcc actccacatt cttatctctg ggcagacatt ttattcttaa      180

```

gaattgtagt	gnttgatnag	aagctnaatg	gagatgatta	acgtgtcaat	gattaataat	240
tataacaaca	ttcaaact	tagaaattat	agnatttcat	canatgtctt	tttaaagagg	300
catttctggc	cagttgtggt	ggctgacctt	tgggaggctg	agacggctgg	atcacttgag	360
gtcaggagtt	cgaggtgaga	ctggccaaca	tgatgaaaac	ccttctctac	taaaaaaaaa	420
aaatacaaaa	attggccggg	catgatggca	ggcgccgtga	atccc		465

<210> 4248
 <211> 1070
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1070)
 <223> n = A,T,C or G

<400> 4248						
gggngggggn	ttttttnnaa	annnnnnnncn	nttttttttg	ngaaaaaagt	ccccgccagg	60
gccttacctt	tgggtntnct	tttttttggg	ccaggggaat	nccccccaatn	cggnnatttc	120
ccggaaaatt	tccggggcca	ccggaaggaa	aaaaccaa	tantnaaacc	ttcaaaaaat	180
gggccctttt	tentaacagg	gnacttacct	aaaaagcctg	gtcctgggtan	tcaagggttt	240
aatgggggtg	tttaaaaatc	cataaaattt	tctggggaat	ccatggaatc	cttaaaaaacc	300
ttttaaattg	ggtttcccat	tttcttacct	ttacttcntt	ttactaaaca	aaggtantcc	360
ctggaatggg	cctggaaaaa	atnccatggt	ttggnaaaat	tttggaagg	tttttgga	420
ttttttccca	ggaatccaaa	aatantggaa	aaaattttta	ttttttccaa	ttttttttta	480
aaggtaccaa	aaaaataatc	caagtttggt	antaaatcaa	ttgggtaaaa	aaaccattaa	540
aaaatttttg	gcttattaaa	aaaggaattt	tttaaaaang	gcctaatttt	ggaattttta	600
aaccatttta	atttacctta	aaaacctctt	tttggttan	gaaatttttt	ttttaggaaa	660
atttcaagcc	attcggggaa	gggaanggaa	atggtggacc	attaaattaa	atgggatccg	720
aaaaggcccg	aaaagggttt	aaaaaagggt	tgggtggaat	gcccntcaca	atggggttgg	780
ggaanggggt	taattctaag	ctttcttaaa	gggactggaa	tgggtttggt	ccacaaagga	840
agtgtccat	caaggtcata	aattngggtn	aagacttaat	gggcttanaa	ttttatggna	900
tttataccct	gatggtattg	gaattgagat	gaatatttta	tgaaccaaaa	tggagccatt	960
gtgtaagaag	tatagtatta	aatataagtt	aaaacttggg	attttaaatc	cttggagtat	1020
gtnagccctt	caaagctctt	gangctgaag	gcccgatntt	ttgcagtggg		1070

<210> 4249
 <211> 1336
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1336)
 <223> n = A,T,C or G

<400> 4249						
aggnnngnnn	nnnnnnngnn	ngnnngnnnn	ngngnnngng	ngnnnnngnn	nnngngnnng	60
ggngnggggn	nngnnnnnnn	nngannnnng	gnnnnnngnn	nnnnnggnnn	nnngngnnng	120
ngnnnnnnna	gangnnnnng	nngnnncnna	ngangggngg	nngnnnnnnn	nnnnnnnnnn	180
nnnnnnnnnn	gnnnngcngt	angntgggaa	aaaancccc	ntttttgggg	aagaaanann	240
ccccccnggn	ntnctttttt	tttgggccnn	gggggnaaan	cgcccccaann	ccgggggaag	300
ggggcggggn	aanatgtgnc	gggggncnaa	ccggnaaagg	ggaanggnga	nagnnnnngg	360
ggannnnnnng	nnngggnagg	ggnnnnnnng	ngnntttttt	tttntnnaan	aggccnagnc	420
gangnnnggg	nnnnnggnng	cngnnnnnaa	ggggnggggg	ggggggagnt	angggggcan	480
gnnnaggggg	gncantancn	nanggggggn	gngagaacgn	naaacaacac	agggncnngg	540

aanggagng	gnnnagnnn	nnngagnnac	gnggcgnng	gngngnaang	ccnncngggg	600
gcngggngan	gngnananca	ngggnnanag	nagangggag	gngggaaagg	gnggggccgg	660
aantgnngga	gnggcaagg	angnnnganc	ggagggang	ggcgagagg	angagccnat	720
cgagnggggg	nagggngac	aggaanggan	aagnangggg	gnaaggcgng	aancgaagg	780
gggggnatga	ggaggagann	gngagnctg	gggggaagg	ggnannggg	gggggnngnn	840
gagnnggna	gngggnggg	ggangangat	gggagcnaa	cggtggacaa	aacggcggn	900
caggnggggc	aggnanaaaa	gggccgggag	cgngcngng	ggggagggnc	ggnggtgtan	960
gaggcaggna	aattganng	gagacnnng	gngcgnngga	gggnngaana	gngnnngaana	1020
naagacggaa	cnaagtggag	gaggggggnan	nnggcgagg	agagngagg	ngtanggnag	1080
anananangg	nnaggacng	ngncgngng	nnagtgagn	ggcgcgang	agngngagg	1140
gagcgnggan	ngagggngng	nacgggggatg	gggangncng	ggggngnnnc	gcggggcggtg	1200
gggacnccng	gggggggggg	gggnnaagnn	ancnngggg	ngnannagan	gangggngnn	1260
cgntgcnggn	gngggggggg	gagagnaang	agnacnggg	gggggnnacg	nnggggngga	1320
gngcgagnnn	gcgcgg					1336

<210> 4250

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4250

tengngagt	gtatgtctg	cntcnccgaa	nagcaggcg	ngcgaattcg	gcacgagncn	60
aaaacttngn	aataanncac	tttcatttnt	tttctagatt	ttgtacatct	caggccatat	120
nagcaaaagt	tgntgatagt	gnaggntnct	aaacgctgca	aatnngcagn	ctttaccact	180
acaaagaagt	ctggatgatg	gatnctctgc	tnttngtcaa	aatagttact	gctgctgtag	240
aaatttcatt	tttagattna	actgtgntgg	atgagctatc	ataattcaag	tatacattgt	300
cttagnctat	caaataattca	ttgtcatgca	gtagtagtna	aaacatcnaa	gatgcagcaa	360
gcntattaag	anntattttac	taaaagaaat	aggaggcatt	tacatcttta	ttattgtact	420
cngggatatg	caaacnctnn	gatantataa	acagttatgt	cccctataaa	tenggtcagc	480
aacctcnntt	gattatgctg	gggnaagtca	aatagtntgg	aagtaggtag	agtnctggnc	540
nacaaggtgn	ttcaaancctt	aannattngg	aacacngggg	nccaagggct	nnaatcntta	600
aaaggaaaac	tggggnttta	ntgcactnaa	accgtttntg	gngccntang	gttcnaaaann	660
nccanaacct	tgaatnnant	gtgggtanccc	ctgggncaaa	anaaangnecg	ggnattancc	720
cactggnncg	gaanaacaat	tgccataata	aaggtncccc	caattgaatt	ccccnanaaa	780
nggcctnaaa	anggnctccc	tntttccaaa	gnaaant			817

<210> 4251

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1351)

<223> n = A,T,C or G

<400> 4251

ttggnggaaa	accctttttc	caangagntg	gganaaaacnc	cgatcgcccc	naangcgnnn	60
ggggcanaaa	gngcnatnca	gancgnngna	antnnagecn	ntttttanec	cccacngnca	120
ananangcng	annaaccngg	gnatnaanaa	nnngngcccn	nnngncaana	nnnanacnec	180
atggccnnga	angnncnacc	cttacnnaac	ncaatanccn	neganancag	aannagntga	240

```

accnnnnnca cntnacaaaa nntctagann nccgntcaen caanaagnen cnnngccann 300
acnnnacnnc nanncnannc ncnngcangga ncnacnccc cncnecgnnc canacnanca 360
ngacngacnn aatantncag annacncgag cmttgacnta annacncaan tagcannngc 420
cnctcgngn acncnnaact ntngnngagc ncnnagnnt nnnnagctnt acgcnncgat 480
agananagcg naaaacngan nnnnnnctnt cnanannnag actangacag acnnngncaa 540
cacatnnnta gaacnnngca cacatntcta ncgntatcan cagnncagge annnnacaca 600
anagcancac nngantgann cacaanaatc acgcntngaa tnnnctnnnc tnannnnaca 660
caaccaanat nnaanaatgn aagnacaccg aacactnnac angcagacta nactcngnca 720
cnaaananaa gaactgacng acannacaaa tanaaacggn ntctacatca cagangtacn 780
nncagacana ancnncngna nnacaancgg cncacacagn tanactntc atagcnntcn 840
ancatcccnc agtgcacaca agngcncgna aanntcatn tcnctanana cggatnccat 900
nataggaaca gnnanctgcn tacannnctn ncaagnaatg nacagatgcn cgcanganac 960
gnaagnnnen nnatnctgca tgcntngcnn ancaaaggn angatnactn nanatncaan 1020
nngcngcata caanngntcg nctaacacng atctgcatcc atngacggat anacgtngag 1080
tangectnnt cacctcnna gatctgcgtn ncanatcan cacnatangc ntnaanagtn 1140
nncagaacag tacnagactg gnnantnaag ntannatngt nttnagtata ataanncaca 1200
ngnagntaga cncnaancgn ngnacnanat nccnngcann cgcaaanaga gcancennan 1260
gcgnaaccgac cgcagctaan acanacnact ntacnncaca aancntnnga ggccgntcta 1320
atnctnctac nnnncacctg nacnggacc g
1351

```

<210> 4252

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4252

```

taaannnat ggntggntac ttgntetttta cgcaggatcc catcgattcg aattcggcac 60
gagggagccc agtgttcttg ttcattgaaat ctncctttta ctggaaaaca ggaatattga 120
ctaccaaate acaatgcaat tgaagccgta ctgctttttt gagcagttat tcattccagt 180
gattaaaact gattgtgcan aatattctaa gaggnacanaa attggngtgt ntaactacat 240
ttttagtgat gcaattnatt gattagttag taagatactg agttttattg agagatttga 300
ttattataaa gtaaaaatac ngctgnatta gggttacnaa cagnaaagtg tcttaatgnc 360
tnangagggc atnttanctn cactacaaaa ccanatnttg nctgtacttn tgaanagaat 420
nttgtnngtn ctcagctgnt atncaananc tnaggaagnc tntatggntg cnttctatga 480
catgtgnatt gtgatntgca tataagnatg ggtggngtg nataccatat tctnggtnt 540
taaaatctat cactttncac cttncacttt gacgtggtaa aacttttaaa accaangtgt 600
gnaaacccnc nggnttctta aaatacnagg ccttagatct tatcagnctg tttgacaaag 660
caggtttttt caangntcc ctccnnaan ttttttnnaa cgggtcaaaact aangnnnttt 720
gaggnaagct cttagtttga ccggaaaagn tgggnccnt
759

```

<210> 4253

<211> 1382

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1382)

<223> n = A,T,C or G

<400> 4253

```

nnncggnnna nngaannngn gnnnnnaggg gnnngggggcc nnggnganng gnnnaanggnn 60
gnnnnnnnna nngnnggaag naaggnnggg aaaacagggg naanggnnga caaannnnac 120
nanngnanaa naggngngnn gggnggggan gaaanagggc gnaagggang gnaaggaann 180
gggannnncc nngnggnnnc ancnnnnnnn anncnnnnnn gngggnnccn nttnngtggg 240
aaaaaacccc ctttttgggg gaaaaaaaan nccccccngn nngnnngngg naaannnnnag 300
ggngaanaac cccnacgcng aaagaangng gaanggnntc anggaacnac nnangggcga 360
ncgcccaggg ggcannggg gnagcnngca nccannntt tnccaacgaa gggananaaa 420
cnannagncn gcancngng cagggggngn ncgncganc gcnnnanagn acacacaaac 480
taanaagaan nggaaganan naacananna acgaaangaa ccggnaaaaa gagacgggca 540
nngcnganan aggagcngga cngnaggggg anccnacngn annaagcng gnagnnnnggg 600
gnggaagagg cngcncggaa ngcnnnnacn antccgnaac naaanagnan naangactag 660
gcaaccngaa cnnacgcagc ggnnncnann gcggnnnnn nnacnagcgn nngaggggna 720
agcgcgcggg acnaacgggg nccncggann ggganngaaa angccgnaac aaaagangga 780
cgnaaaaaacn acncananaa cggnnagggc ccngcagcnn aagnagngn ggagggcagg 840
gnangcggga aagcgggaga cgcnnccagc gagaagcgcg cnaangaaan ngancgggcn 900
ncgcgcnngg nanncgngcc ggnannagag gacnnatagg aagtgcacna ncaaacgcan 960
cggcacnca ngaggngang ngatgnggat anagngancg ngananncna nagaganggg 1020
gagagnaagn agancgcgga angnacanca angcgnagaa ccngagagac gnnccangca 1080
ngngagaang gnannaggn nannganana cggngcgagn gangnnnga cactganggac 1140
acgcgcggag aganncgcn acatgaagna ancggnngga tgggaaannn gannganana 1200
cgganggaan cnggggncga gangagangg ngaggcncac cnaacacgga gggggagcna 1260
ggtagnggca nnaangaga cgcggacgaa aacggganaa ccgaaanggn ggngcaanga 1320
nannanggga agacgcacgn gnggnnggga gnaaannang ngggaanacg aaaaaancg 1380
cc 1382

```

<210> 4254
 <211> 1245
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1245)
 <223> n = A,T,C or G

```

<400> 4254
cgatacacat cntnnncaaa tgatatacnat ntaanatata aatatnttnc ntnttnatac 60
tctgcaannn aagaaaagan anantnaggt gctgttgaan ccatnancct ttgttttttt 120
gcagnnccca cgnttcgaat tcggcacgag gttttcctca ggcacaaatga gccactgcag 180
gcttttgagg agaagagtga caagctgnag agctgtgttt taggacagct atcctagagc 240
tatgtgtggg cagagagtac aagcaggtta tttatgaggc tngggtaaaa aggcagacag 300
gggacacatt tgtcatatgc cctattgagg cncanaatca nggaacagga ggtctgcngg 360
ttncangaca ggccaaatca ngganaaaaag ggactatccg ggattancaa gtcactggg 420
atcganatat cactttcttt gaanttttan aaatgggttn tggtancact tgcannctc 480
ttcatthaana naacctgcca caaaccaata aanttannng tttaaaatag aatcntgnag 540
ttatananan cccaatggga anctnggnta atanntnta nngggaanac tnttnnggtt 600
naaaaaggga aanntnnggg aaancccgnt nanangagag nggnagnntn tggcataana 660
gacnggnnt ctctctcta aacganatac gaatacctct tncgcnnnnt acncnnnngg 720
tgntnnanaa acgntatntt tctacacggg antctntgtc gtttttttaa agataatnag 780
nagnacncaa tacataantn ncaagcncgc gtnanaaana nantgnacgc tnannataa 840
aactcttntc ngtatnggcc nctaantac ttaanggana aagcttaata taangntgat 900
ggcaagggtt cccntgtag antcnttacc nattgtctca acgatctccc taacgttatc 960
nnntngaca ccatgacgn attngangcn cacttantnt gaacngtaa aagnntttnt 1020
gggggtgcnn tannaatacn nangtcnnc tcncttttn nggttanant ntcncannc 1080
tngatataaa gannaataa ntgggtgaac ntatatttt cggnnacnna nntatattct 1140
ctntgggna tncatgtctn catnctgcn ttatcnatt ntngtaagna gaaacngtn 1200

```

aatntctttat gaannnnntnt cnntttctgta atttgaaana ccncg

1245

<210> 4255
 <211> 768
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4255
 aggnngnatt aannnnnttt ttanannngc ngctcttggtt ctttttgcag gatcccatcg 60
 attcgaattc ggcacgagaa acaatataac tcaaatgcct ttctacagga ctacaaagct 120
 gtctgtatca ggttatggtg ttaaatacata atttctggat catgatctta aacctttaat 180
 tggttccatt tctactttac tctttactaa caagtatcct gatgggcttg aaaatccatg 240
 ttgaaatttg aagtttgaat tttccagatc aaatatgaaa tttattttca ttttttaaag 300
 tacaaaatat cagttgtata atcatggtaa aacataaaat tttgctataa aagattttta 360
 aaggctattt gattaaaaca tttattttact taaactcttt gctagaattt tttttagaat 420
 tcagcatcgg aggaggaatg tgacataata atgatcgaaa gccgaaagtt taaaagttgt 480
 gatgccctca catggttgga gggttattct agcttctaag gactgaatgt tgtccacaag 540
 agtgtcatca ggtcataaat tggtaagact taatggctta gatttatgta ttatacctga 600
 tgttattgna ttgagatgaa tttttatgaa caaaatgagc acattgtgta agaagtatag 660
 tattaaatat aagttaaaac tttggaattt taaatacctt gggagtatgg taaagccctt 720
 tccgaagtct cttggaggct tgaaaggccg nattcttttg cantgggn 768

<210> 4256
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4256
 tggngnttta nananncnng ctctentctt tttgcaggat ccttcgattc gaattcggca 60
 cgaggtaaaa catgtaattt ggacatgcaa gacaatgctg ctgccaaacta acattgcatt 120
 gattcattaa gatgttattt ttgaggtggt cctgggtctt cactgacaat tccaacattc 180
 tttacttaca gtggaccaat ggataagtct atgcacttat aataaactat aaaaaatggg 240
 agtaccatg gttaggatat agctatgcct ttatgggttaa gattagaata tatgatccat 300
 aaaaatttaa agtgagaggc atggttagtg tgtgatacaa taaaaagtaa ttgtttggta 360
 gttgtaactg ctaataaaaac cagtgactag aatataaggg aggtaaaaag gacaagatag 420
 attaatagcc taaataaaga gaaaagcctg atgccttttaa aaaaaatgaa acactttgga 480
 tgtattactt aggccaaaat ctggcctgga tttatgctat aatatatatt ttcattgttaa 540
 gttgtatatt tttcagaaat tataaatatt attaatttaa aatttgaatt tgtgtttgac 600
 taacaacctc gatggatctt cttncacact nccattaaga tcttcagaa gaaatagaaa 660
 tattcaaata ttgcaagggtg taattgtgag acaacttatt ataatacgtg ttaagttcta 720
 ctgganccat ggaaatgggt taagaaaaa 749

<210> 4257
 <211> 466
 <212> DNA
 <213> Homo sapiens

1358

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4257
 tgnttcnant nttttacaac taettgttct ttttgcagga tcccatcgat tcgnattctn 60
 nacgaggctg cttactaagg ctttnnaactgn nanatcgntt gaccenntnn gtcgntngct 120
 gcacatgccn atattnnnnc gacnnngctn nntcctgncc ngntangnga tgacctgnnt 180
 cnggacacaa tggngaangn gtagnnggtgc nngacatngg cgaaattgtg ngcnactaga 240
 antngtgnca angcnngntt tcacatancc tnnnnnnnct acttgccatn ttnnantgan 300
 cttntgcct cactnacattc ntgnngttcat aacnngacnc nctaagngna caactccgaa 360
 cccacattgg ncaaaaaaaaa cnacatatgc tnacngttcc tnetgcccac gtgnnncntn 420
 aacttgnatn atcttanact gaaccagncc tccaccatt catnct 466

<210> 4258
 <211> 464
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(464)
 <223> n = A,T,C or G

<400> 4258
 tngatncctt cgatcagctc ttgttctttt tgcaggatcc ctcgatnccg cctatcttag 60
 agaatcatct gctcannect tattcctgca gaatacaaat gtcacattct aacctgttca 120
 gagattgtct tcaanataaa antgtgattc ctacatggna tgnnaaacia nctacactnn 180
 tnggcaaaaag gcattattag ggntngattc cataatgatt gagnetntt nnnnagtata 240
 ntcatgcanc tgaacaaaat gaagctcatt ccactgcntn gaanaatnnc acaaagtga 300
 tgctnaanan aggaagccac gtgcanacac tnactatata attntatgta catnaagttc 360
 agnatccgga tagttaccnn tgnnaaggan gtaactnnan gagnetgagg aggggnttct 420
 ggtatctggt taatgnactt ngtaccantt acccaanagt gnnt 464

<210> 4259
 <211> 882
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(882)
 <223> n = A,T,C or G

<400> 4259
 gnagcntnnn nnttttctaa ngttggctac tcgttctttt tgcaggatcc catcgattcg 60
 aattcggcac gaggcaccc gtccttggga accctttctc attctccaag cctgggtcagc 120
 tgcttgcaaa ggcagaggtg cctcagccc aggttagcaa cactcatagt ttgccaatt 180
 accagtagac actagtggaa ccatctaact ggaacttctc ctctccttcc acttatttcc 240
 tcaaacttgt tgctttacac tagacacatg caaatgtatg ttttaaacac accaaaacag 300
 atcatgcaa atgagttgcc tgtcaaaggc tggaggggag gaggagggcc tgggtttggg 360
 ttctttctc ccagcctttg gatggtgctc tgggcccctt agccccagcg ccagggcctt 420
 ccagctgagg ccacaggaaa gcactttttt atgatgtact aaaagccaca gtatgtggca 480
 actgcaaaaag gatcaggaat ttagggatg atctcgggtc cgtgtcccgg gccgctgagg 540
 ggaaaggaa cgggcatgat tgtagacaat gaggggggtc tcttgatgta atgaaatgca 600

```

atatttatggt ttggtgcaaa aactcctatt ttccagttaa ttaactttat ttctaaagca 660
tatttttgat ttncatchna nagnataaaa gcattaaaaat tctttaaaaa aaaatnaten 720
ntctcnantn ctcocananc aaaaaaaact tcgnncnttt naanaccttt ttgnggngtt 780
cntnttttnc cngnannccc cncntttnnn nctnngattc cntttgntg tnttttgnga 840
cnaaccccc atactnagan tntctcgcaa aaaaaantcc nt 882

```

```

<210> 4260
<211> 755
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

```

```

<400> 4260
nngtgnantg ngatnttggc naggcccatg antnnnggag tcgancgann nncggcacga 60
ggagaacenc nttaaagccct nannttccct ttttttngna ngaagnggga gtanatggnt 120
ngcnatntan nccnanangg cacntnnan ggaggngnaa ccactctgac gttnnatngg 180
cantgagagn tagancagag gctgncctgc ntggaagctg atatacccta taatncanag 240
ggnnnnagac nantnttgng aaactcggtn anacattcta ttanagaca tgctgctga 300
tatgacntat atttttatag ggataccent ttatngctgg gacatnaanc ctgnttnac 360
tcnaaatggn cctgctttca gaaaatagaa cangagacat gccgaaaaca gngnttctat 420
tattgtgnat tatgantttt gttctntaga actattttcc aactcatctn nttncctgca 480
gctgnggaat ctggacagcn aaatcttggt gacgtttatt ccactaagcc cagggatgag 540
atggcactca ggttaaagaa ctaacatttt ctgaaccctt nattaactat ttaccagcat 600
caggccctct aagtacaagt gtcagaatcc ttcatttcaa ttttttact cngggcattn 660
cccattacaa agcccatcct attattgaac ccnaanttna gcaaaccact taggtctgcc 720
acttaagaan tcngngnnnc aaggttgcen aagaa 755

```

```

<210> 4261
<211> 738
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(738)
<223> n = A,T,C or G

```

```

<400> 4261
tgtgttttct nctgtgggn actggccttt cncangaag cctggccggt cgaactgna 60
nccgcnncnn cgaaaagggn ntgnncaann gnaatttntg cngntnangn tgtatacacc 120
ttggangann nnnntgngcn attgcnctc tnnangtat tcangncnnn taaattctc 180
atnancnca cttecatngt ntntcngnc acatgetnnc antntatnat ncntngaaa 240
ngcngantat cnatgctaga cntnnntgca ggctgngcn nccganntgt cntgacnca 300
aactgtttac tctnantgac tgtgnggcn tttntcnnat gaaaannngg gcagtattcc 360
cttntaaan gagntcnnag gaagaagatg agaancgggg tggnatcagn aactganng 420
gcacngaagc acgtgnnaga cctcnnana atgatgtgan nggacaaaa gcntgatcac 480
caagcgcttt cangnctgga ttccnnncnc gnatccatan nagtctgtn anccaggacc 540
ttnnaggnat catnnncng gcgtgtngnn aatgagcatn gtgtggtaca cttgacngt 600
tcccctggtg cntactntgt aattcatgct ncactagatn agncnagnac ntatatncgc 660
ttcggcactg tgtgctngta ccnaccncnc gttggaccgt nattccctt ncaatgtgtn 720
anatnttngg ttgggect 738

```


<210> 4262
 <211> 461
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(461)
 <223> n = A,T,C or G

<400> 4262
 ntcntngata canctacttg ttcttttttgc aggatcccat cgattcgaat tcggcacgag 60
 gcaattgtct atttatcttt tatnttttta agtcagtatg gtctaact ggcatgttca 120
 aagccacntt atttctagtc caaaattaca agtaatcaag ggtcattatg ggtaggcat 180
 tnatgttnt atctgatntt gngcaaaagc ttgaaattaa aacagctgca ttagaaaaag 240
 aggcgcttct cccctcccct acaccnaaag gtgtatttaa actatcttgt gtgattaact 300
 tatttanaga tgctgtaact taaaataggg gatatttaa gtagcttcag ctagctntta 360
 ggaaaatcac ttgctaact cagaattatt tttaaaaaga aatctggctc tgtagaaaa 420
 caaaatttta ttttgtgtc atttaagttt caaacttact a 461

<210> 4263
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4263
 annnannctg nnggtcgtgt aacgcccttt ntnnangaag acnggcgatn cgaattccga 60
 ggatccaaga gggcnnnact ngggngggct tcntttcagc tgaaggctgc taccgtaccg 120
 tgtgggagcg cctgggtctg gccttcaga cccagagggc atactgccag cagcgagtgt 180
 tccgtcact ggcctacatg cggncactga gcatatgggc catgcagcta gccctgcaac 240
 agcagcagca caaaaaggcc tcttgcccaa aagtcaaaca gggcacagga ctaaggacag 300
 ggcctatgtt tggaccaaag gaagccatgg cnaacctgag cccagagtga gccgtctgaa 360
 ctgtgggagg gaagtgtctaa cagcccagcc tncagcctgg cctttcctcc tccccctctg 420
 aacctcctgc aacctgagc catcaggaca atcatacccc ttcccttctc tccaccaat 480
 tgtgccagta aatgggggtt gagggtgacc taggcagcat tagaatcact tttttatttc 540
 tttcctacct gttccctgac tgcgtgaaat gttcaggag gtcagttgat tccccagggt 600
 acattcatgg tgtgacagac acatgggtac aaataaaaaga cccagaaagc caacnaaaaa 660
 annnggtttt nanncnnga attttaaaaa nntntaaatt ncntngnntt aaaaantnct 720
 tttntgnaaa aaannntttt ggccttttt 749

<210> 4264
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4264

```

nggggtnttt atanaatcca ggccacttg ttctttttgc aggateccat cgattcggcc      60
acatcggggg caccacctc catgcctttg caggcatcgg ctccaggccag gctcctctag      120
cccagtgtgt ggccctggcc caaaggccag gcgtgcggca gggctggctg aactgccage      180
ggttggtcat tgacgagatc tcaatggtgg aggagacct gtttgccagt ggccaggcct      240
atgtggccct ttctcggggc cgcagcctgc agggcctacg tgtgctgact ttgaccccat      300
ggcggttcgc tgtgaccccc gtgtgctgna cttctatgcc accctgcggc ggggcaggag      360
cctcagtctg gagtccccag atgatgatga ngcagcctca gaccaggaga acatggaccc      420
aatcctnctg agcctnacct acaaagagga gacaaaaggg ttggcctgtg gctnccctg      480
cctcctgctn cctatggccc anggccccag ggaataactg gtagtaggcag gcagtgtccc      540
cttctgtatt ttttanggac tntaaccttc tgcagggtta aagggagaag tctttaaaacc      600
catataccaa ctgtgcttca gttcttttan ttttgccgg gtaaaactgct gtagggtcag      660
aattaccctt tctgtgccc ttganaatga acctgtgtgg tactgatgtc agaggacaaa      720
ctntntgaan ggcttgaaca nacttga                                     747

```

<210> 4265
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

```

<400> 4265
ncttttatca aancgnttgg gctactcgnt ctttctgcag gatcccatcc gattcgaatt      60
cggcacgaga aagaaaagggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag      120
tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggtc      180
acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga      240
tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga      300
tcgaaagtca tataagcaca ggagcaaaaag tcgggacaga gaacaagata gaaaatccaa      360
ggagaaaagaa aagaggggat ctgatgataa aaaaagtagt gtgaagtccg gtagtcgaga      420
aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgaggtca      480
atggggaccg ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct      540
gattnagacc tcagatcaga cagaggacta ctggttcgaa gatttttggg anaatnctga      600
ngaacgggat aaagtgaaga tcgnncnttt aaaaaaatga ggttgaaaag aaagctatna      660
gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttaaaa      720
ggttaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttt      780
ttattcccct tgg                                     793

```

<210> 4266
 <211> 811
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(811)
 <223> n = A,T,C or G

```

<400> 4266
tnnnaatenc nnaagcctt tgttnaacc ctttctact ngcncntttt gcaggatccc      60
atcgtctcna attcggcacg aggttatncc agtatctgnc ancagaatgg cattgtgccc      120
atcgtggagc ctgagatcct cctgatggg gaccatgact tgaagcgtg ncagtatgtg      180
accgataaag gtgctggctg ctgtctacan ggctctgagt gaccaccaca tctacctgna      240
aggcaccttg ctgaagccca acatggtnac ccaggccat gcttgacctc anaagttttc      300

```

```

tcatgangag attgceatgg cgaccgtcac ancgtctgenc cgcacagngc cccccgctgt 360
cactggggatc accttccctgt ctggaggcca nactgacgag gangcttaca tcaacctaaa 420
tgccattaac aagtgccenn tgetgaance ntgnnccctg accttcttct actgncgagc 480
nctgcangcc tctgcnctga acgcctgngg cggnaataag gagaacctga agctgctcac 540
gaagaatntg tcaagcgaac cctgncnaac agcentgcct ggcaaggaaa gtncacttnc 600
gagccgggta ggctagggct tgetgcaacc gaagtccctt ctttggtntt ctaaccatcg 660
ccttttttaa nncggaaggg tgtttcccca aggattgccc cccaanaact tnnagncct 720
ttggccccaa ttccnnttt tttgaaanaa ggnaggnccg centncttta nngggcttcc 780
aaaccttggg cttaganccc nggctttttt t 811

```

<210> 4267

<211> 469

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (469)

<223> n = A,T,C or G

<400> 4267

```

ntnccntttt nantacanat acaagctact tgttcttttt gcaggatccc atcgattcgc 60
catgcccagc tgtaatttct tattaggtgc cagacattat gaattttacc ttactgggtg 120
ttgggtacat ttggatgtct ttaagtattc ctgagaatta ttctcaggtg cagttagggt 180
acttatgaat agtctaattc tttagagtct tgctttcaag ctctcttagg gcaggagcag 240
ccttttagtt atgactaata tggccctggg actgagacac taccattcta agtacctaaa 300
tacctaatgc cctgtgtagc atgaggcatt tcaactctggc tgataggact gtgaactagc 360
ctcaacctta tatggctctt gatgattgtt ttgcctgttc ccttctgtgg ttcttttccc 420
gtgtcttctt tactcacgct tactgtctag tactcagccc gaagactct 469

```

<210> 4268

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (463)

<223> n = A,T,C or G

<400> 4268

```

cgttacttcg atcaagctct tgttcttttt gcaggatccc atcgattcga aaacctctac 60
aaaaaaactt taaaaaaaat ggcagcaaag ggtagttttc atctgggtgc ttttatttaa 120
gttttttaag ttaagaaaag ctggtgacat atttatacgt ttttggtgca aaataaatga 180
atggcaatag attttaaaaa atcttattat gtacttctgt gtgaaaaagt ctgtataata 240
tttcccttaa atatgcatta ttttacttgt gagttttttc tgaattaatc tgaatgtca 300
agccctggat ttgctacaga gtgagaagtt attttatttt tttttatttt taattntgga 360
aattctgcag aaatcanaac tcttaccatg gtttgaacaa aaaaagggga aatggggagg 420
ggaaaagggt gggattgtcc ancatgcttg tatgtatatt tca 463

```

<210> 4269

<211> 468

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(468)
 <223> n = A,T,C or G

<400> 4269
 tccgtntgan taccgttaca ngctacttgt tctttttgca ggatcccatc gattcgaatt 60
 cggcacagaa gaccaagcgc atgcgaacct ctttcaagca tcaccagctc cggaccatga 120
 aatcctactt tgccatcaac cacaaccggg atgccaagga cctcaagcag cttgcccaga 180
 aaacaggtct gccaaaagag ttttgcaggg agaacaaatc ttggggcatt acagccaaac 240
 atcccagcgt ttgaaaattc cctaaagtat taaaagaagg ggaaaagttt gatcggaaat 300
 ccactgcagt gaagacaaag acactattag gttatgataa tcatacatta aaaaatttat 360
 taagccaaaa aaaagagaga gagagagact taaatgtcat ttactgaatg ttaacgaaac 420
 ttgtgttctt tatggtgtct aacacaactg aaggcctaaa attatgtg 468

<210> 4270
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4270
 nncttactna aaccgttttg ctacttggtc tttttgcagg atcccatcga ttcgaattcg 60
 gcaagaggac ctatcttgat ctggatagta aagtgaggac tttaaaaaag tttattaaat 120
 tactgggaga aatcatggag cacagattca agacatatca acaatttaga aggtgtttga 180
 ctttacgatg caaattatac tttgacaact tactatctca gcgggcctat tgtggaaaaa 240
 tgaattttga ccacaagaat gaaactctaa gtatatcagt tcagcctgga gaaggaaata 300
 aagctgcttt caatgacatg agagccttgt ctggagggtga acgttctttc tccacagtgt 360
 gttttattct ttccttgttg tccatgcgag aatctccttt cagatgcctg gatgaatttg 420
 atgtctacat ggatatgggt aataggagaa ttgccatgga ctgatactg aagatggcag 480
 attcccagcg ttttagacag tttatcttgc tcacacctca aagcatgagt tcacttccat 540
 ccagtaaaact gataagaatt ctccgaatga ctgatcctga aagaggacaa actacattgc 600
 ctttcagacc tgtgactcaa gaagaagatg atgccaaagg tgatttgtac ttaacatgcc 660
 ttgtctgat gttgaaggat ttgtgaaagg gaaaaaaaat tctngactct tgatataata 720
 aatgagact ggaggcattc tgaaattgaa aaaaaaaaaa aaaat 765

<210> 4271
 <211> 466
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(466)
 <223> n = A,T,C or G

<400> 4271
 nncnnttna ntanagatac aagctacttg ttctttttgc aggatcccat cgattcgctt 60
 ggggccagga tcttgagtc cttgcttggg gataacttcc tggagagctg ctgagtcagc 120
 tatacccttg ggagtctttt gttgagggag aaataaatgt cattttgcaa agccactgat 180
 attctgtggt tatcacggca gtttagagag gaaggatggg ggaaagctgg gttgcgctct 240
 agccttgaca ctctctgctt ttgtagtgtt aggcaaacat ggcaacccca gaaaactcan 300
 ctgcctcagt ttttaaggcat gcagggtctt tgtgaggacc atataagcca cgtggagggg 360

tctagaccaa gcatagtgtc tggaagaaag ggcgtgtgtg ctaatgattt atgtctcttt 420
tctttctgag agtcttgtct cccaacacca naggtgagac cacctg 466

<210> 4272
<211> 465
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (465)
<223> n = A,T,C or G

<400> 4272
ttcncctttna tatagataca gctacttggt ctttttgcag gatcccatcg attcgaattc 60
ggcaccagct ttagccccag tcaagttacc tcagcaaaga ctagctgacc ctgccaagcc 120
ctgccccagt tacagaatca tgagcaaata aatggctgtt tctgttttaa gcttttaa 180
tttgggggtg gtttatgtgt caataataac tgaaacagat aatatataca gaataaactt 240
tagttttaat aatctaagta aaagccact aattcattat gcagaaaaaa atgatttttt 300
tgagacgggg tctcgctctg ttgccaggct ggagtgtgtg ggcacaacca tagctcactg 360
cagcctccac ctccctgggt caagcgatct tcccacctca gcctcccgag tagttgagac 420
cacagtcccc ttggtgtggt ggaagcaagg tgccatgtga taagt 465

<210> 4273
<211> 630
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (630)
<223> n = A,T,C or G

<400> 4273
nnnnaactntn tenncatnnn engancnnnn ntctcngnac antttgnna acngntntgt 60
ggggnnngnn nnanntnngc nnnnnnnnnn nnnnnnnaan ccttggaac ctncctnngc 120
cgatccnnnn ntgcannatn ccgcngggg gactngnaan cnngnccana taatnagggn 180
ttnnnctgna cnnggcaaaa accccannat taggnanggn gcgctaggng gcccnananc 240
catgnagtgg cagcncgna nncngttgtt tnnccaaten nnaattegna tgcctcgg 300
ancgcccctg gggtaggggn acactctgnc nantggncn actgntnana anaaggganc 360
nagtgtcnng angncncgg cntacncnag ngaatcctnc cngngnccg ggngactagg 420
ggnggatncn nncangaagg nnnngagccg nagaacanac ntgggtgacn ggntgngaca 480
aagmnccgt cnnaaaaatg ctangggnaa nnacanaagg agnntcnaa tgcataanna 540
ngtgangttc caacgccna tgaaaaagg annanggaa gtcgcacant gattganang 600
ggncgcngn ngngcatatn naatnnanc 630

<210> 4274
<211> 618
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1) ... (618)
<223> n = A,T,C or G

<400> 4274

tnnnnncncan	nennnecnet	nnnnnennntn	gantnnnnnnn	nnnnnnaentn	ctcangnnng	60
tnncatnncan	naagnnngta	ntntngtgcg	ntgnncntnn	nncnnntatc	gnaatnnnnn	120
nnnnnnntnc	ttnccttttg	taaccccttt	tnnnccntgg	cntnacncat	gnaaccogta	180
agncggngcn	angcnatagc	tatnaacgaa	catttnnent	ngctacgggn	nattgnactn	240
acgcngncnt	gtangangcc	acnttnacat	gcnaggncgg	cacaccgggtg	naataatngn	300
gtcgctnnnt	gggtgcggcc	ctaacgcttc	cnttngcntn	agcncangng	cctnagactn	360
ttacagnngc	attgganaaa	gncgcggcgt	naccgcgtgc	nttacncaat	naaggngtgt	420
gaaacacngg	acntgggttg	aaaaaacnntn	aancncgatg	gcngagccta	agccccnggg	480
gngcctgagg	aagcgtgcag	cnaggtncnn	atganaaaatc	acttgtgncn	aaacggacaa	540
tgantgtcgn	agnggaantc	tgngcncgtt	aggncacnca	nttgtnnatt	gggcgcattg	600
aannngncatg	actccnnc					618

<210> 4275

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1446)

<223> n = A,T,C or G

<400> 4275

gnngngnann	ggnggggna	nngnggaggn	gnngngggnn	gnngnggngn	gnngnganggg	60
nnngccnnan	nnggccggag	cnngggnnnc	ggngngagag	ngcnnngnaaa	gccctttgga	120
aaggncggag	nngagtggng	ggccgncgga	gagggggggn	ggggangngg	ggngagnggn	180
ggggggggng	nngcncgnnt	gagnggnngg	ggngagaggg	gngcnnnnng	gnnggggggg	240
ggcngcnggg	ggngngaggg	nnggnnggna	gnngngnnng	aaggngggng	ncgangnnnn	300
agtggangnc	gngagngcgg	gggaangggag	nngcnggggg	nngnnggggg	ggnnnggggg	360
agggnnagga	gggnnagagn	gncnngtggn	agggagncng	gnnnnggaaan	gagcgaccng	420
gaggggaang	gnaggganng	ggngagggga	gaggnngggn	agncgnagag	agggncnggg	480
nggannacgg	annacggng	cnangncntn	gaggcnnccn	nggggaggcc	nannanggtc	540
cgggggggnc	aggaaggann	caagggaatn	aggaaaanaa	gncgccaaag	ggnnnggnaag	600
ngaaaannnn	gcangggggg	ganngccggg	agcggannng	gnngagngan	agggnganggn	660
gggangaang	cgggnnnngg	ggaaggagng	gagnganaaa	angggccagg	gagggngggag	720
angngnngac	cnnnggnana	ncaangggng	aaangcngga	nggggggnaga	gaggnnggan	780
naaccngaga	nggaaanggg	gangggggcc	aaaggggggg	gggagccccn	ggngngggaaa	840
aggganccag	nttaagaaaa	gagccggggn	agaggggngg	ggaanccaan	ngtgngagag	900
ggcgnccgaa	gatggngaga	nnaaaccagg	ggganagcat	gggggatnan	aggganaacc	960
cgangangga	aaggcaaggg	gaacncnggg	anngggggaa	ncgnaagccg	ggggngggcng	1020
ggnaaanggg	aanagnngng	agggggggaa	ggggaanant	gaaccnnggg	naggaaaaaa	1080
cgggggggaa	ntnaaaaaag	ggggggggaa	aggaaantgc	gggagccaan	gnntgaaaga	1140
aaaanaaata	gggnaagggg	ggggggggaga	naggggnaaa	aagggcctga	catagaggng	1200
gggggcgagt	atgggnnaaa	gaaaaagggg	gngntnnaaa	agggncncng	ngaggtanga	1260
ggggagggng	ggtngggaga	nagngaanaag	aagagcgag	agatnagtnn	naaaaaangg	1320
gnggananaan	ntgcgcaggg	gaagctgggg	aaaggggngg	ggacccann	agccncggga	1380
anatgtgncn	gggaaaaana	gggggggggg	gnnaaganag	ggggaaaana	aaagggccca	1440
ccnggg						1446

<210> 4276

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4276
 ggtgggttttn angnnnnnttt ttctantngc agctacttgt tcttttttgcg ggatecccatc 60
 gattcggntg gctctcccag cgtctgacct ggcggtgtctc tcagtcccat cccaaggcga 120
 tgttctctac cgctagatgg agcatcagac ctcaagtcaa gancatccca gttcactgnt 180
 gcttngggtg gctctantct gggagggang gggagacttg aaaatgggan gatctcattg 240
 gcttgctaag gnttnggatt tacctcntat cactggagac ccattgtagc gacaangtca 300
 agggaaacng aacttgttta ctatcngtgc gctctacatt gaatttaccg acaaactctg 360
 tgannaatcn gatatgaaca atgcacnctn nctngtctn agacannnnn ttannaagaa 420
 ggngcacact gaacnnnctn acagcactnt tngntagggg cactgtactn tgacctgnat 480
 gaaantntan ccgaggccan aatngaccna ctatnaagct taacacngat tnnagnnata 540
 taatnaatga nnattnaana tgancctgan ctannagctt aatagtntctg atgggacctnc 600
 atgtnatntc aaaggncctt gaattggcta cttanaagga naatggccaa tngnacgtgt 660
 tnnangaaag ggaaacagga aangnccta gtccantgt aatngtctnt nggcaancaa 720
 nctgttttaa acggtntcgn aaaaaanan ntccnnnt nn 762

<210> 4277
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (793)
 <223> n = A,T,C or G

<400> 4277
 ncntttatca aancgnttgg gctactcgnt ctttctgcag gatcccatcc gattcgaatt 60
 cggcacgaga aagaaagggc tcgtgacaga gaaagatnna aagagaagtc gttcacgaag 120
 tagacactca agccgaacat cagacagaag atgcagcagg tctcgggacc acaaaaggtc 180
 acgaagtaga gaaagaaggc ggagcagaag tagagatcga cgaagaagca gaagccatga 240
 tcgatcagaa agaaaacaca gatctcgaag tcgggatcga agaagatcaa aaagccggga 300
 tcgaaagtca tataagcaca ggagcaaaag tcgggacaga gaacaagata gaaaatccaa 360
 ggagaaagaa aagaggggat ctgatgataa aaaaagtagt gtgaagtccg gtagtcgaga 420
 aaagcagagt gaagacacaa acacttgaat cgaangaaag tgatactaag aatgaggtca 480
 atgggaccag ttgaagacat taaatctgaa ggtgacactc agtncaatta aaactgatct 540
 gattnagacc tcagatcaga cagaggacta ctggttcgaa gatttttgga anaatnctga 600
 ngaacgggat aaagtgaaga tcgnnctntt aaaaaaatga ggttgaaaag aaagctatna 660
 gtggcattna aaaagtntta agctncantt agttttnttt attattatta ttatttaaaa 720
 ggtaatttc aaggacttga tgttgacctc cngatttccn gaacatgtgt tnaatagttt 780
 ttattccctc tgg 793

<210> 4278
 <211> 903
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (903)
 <223> n = A,T,C or G

<400> 4278

```

ggtttntttn tttgnngntt ttngngenttt tnagggcgttn tntctgatec ccgctaattg      60
catteggncg ngetncceta cagatantgc atgcacnttg nagntaatte agtggtntta      120
acngntncat antntatcaa gcngtncatg aangtgtngt natnaaatgt ctatgtatct      180
ntagttacat tcaaatnngn aactttataa acatgttnta tgcttgagga aatttctaag      240
gtggttagtat aaatggaaac tttttgaagt agaccggata tgggctactt gtgactagac      300
ttttaaaactt tgctctttca ngcagaagcc tggtttctgg gagaacactg cacagcgatt      360
tctttcccag gatttcacaa cttttnaagg gaagatnaat gaacatcnna tttctaggta      420
tngaactatg ttattgaaag gaaaaggaac actgggtgttt gtttcttaga ctcatgaaan      480
ttaataatta tgaangcaat gaaaaattaa nttgaaacat taaantctnc ntgacantng      540
gaatnattec tttgccactt tnttgcatat atttcagaan acnattecggt nnnttnttcc      600
antntngcna acccatttnt nectggatnt tnggccatan ttttgacntc ccggtntntna      660
ttcannatnn ccttnncccc gtaategnnc antttgggan atctgnnant nttaaaatat      720
gncntttata tatanttaat ttctttcann naaanttctg gnataggcct ggtnattttan      780
antnnnttnt tatttgnnng nanancnntt tatcgtntan aanattttaac cncctnnntnt      840
tttctgnngc ccttttcgta taaaaacctt cntntatntt tnnngacaat ntntntnttn      900
nnc                                          903

```

<210> 4279

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(866)

<223> n = A,T,C or G

<400> 4279

```

angcnagagc ccacggaatt tncatgcctt tatcgagncn gcnccccgcgc ggannnaaac      60
agcnggacnt gccncacgag nggantntgc nctttttttt gggccgncca nntcccacag      120
ncngangggg gggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn      180
aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc      240
acccttaact ggcagaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac      300
ctgtnagtga tggaaaggna agaaaaattc agnatggana anaanaatcn gggcacncaa      360
acaaattcac tganaantcc anaagnctat tnanaaacia gatagcnatg agtncanatc      420
natecnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga      480
atactangaa tggattacnt ttccggggta nnataaancn ggggnantaa atgatnangg      540
gaaancccaa aanctaccn nnantcnang gantntggaa tnccttactc ttcacaaaga      600
ncatttccag nttctaaggg gacccttta cnaanttnaa aanggattcn annttggcgt      660
ctnaagnggg ntgcgccggc ccnnaaaaat natnataatg gaccnggggn tcaaangnan      720
ctnacnggaa aaangaaagc ccggnaaagg accaggcgtt tccaaggaan gaagggaaaa      780
tncccnegaa ancccccgga ataaanctca anggggttac acaaaaaagc catccccnecg      840
aattaanccc aaaaaattgg gcagcc                                          866

```

<210> 4280

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4280

```

gaancactcn tnatcgnttg caggatccct cgattcgaat tcggcacgag gctggggactg      60

```



```

acagcctgca gggtttcctt gggcgcgggc ccaaaattgc cttcaaaaca aaccgaggac 120
ggttgaaagc cttcgaaccg tgcangggat gcctcggggc ctggcccttc gcttcccttc 180
ttgtgttatg gaaataaaaa caaataaaac tacaaaaaaa aaaaaaaaaa aactcgagcc 240
tctagaacta tagtgagtcg tattacgtag atccagacat gataagatac attgatgagt 300
ttggacaaac cacaactaga atgcagtga aaaaatgctt tattgtgaa attgtgatg 360
ctattgcttt atttgaacc attataagct gcaataaaca agttaacaac aacaattgca 420
ttcattttat gtttcagggt cagggggagg tgtgggagg tttttaattc gggcgcgcg 480
cgccaatgca ttgggcccgg taccagctt ttgttcctt tagtgagggt taattgcneg 540
cttggcgtaa tcatggcata gctgtttcct gtgtgaaatt gntatccgct cacaatttac 600
acaacatacg agcccgagg cataaagtgt aaaagcctgg ggtgcctaata gaagtgagct 660
aactcacatt aattgcgttg cgcttaattg gccgcttttc caatcgggga aacctgtcna 720
ngccanctgn attaatgaat cggnaaccg 750

```

```

<210> 4281
<211> 1094
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1094)
<223> n = A,T,C or G

```

```

<400> 4281
cctntnnnch antanantac ananntnntt cacnncant ntaatantnt cctntctanc 60
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acctnannct ccattncanna ggtngtnacn nnggataaat nggggngntn gtaangagng 180
ctnactnaac tactagggtg gaatnaattc ctncctntnt tctnactnag ntnaatcatc 240
gtacgaggaa aaaacaaagn antancttan gccttngaca aggatatnag cacctaattg 300
actnntaagc ttaacctggg gnaaneccn natanncgta aantganant annnaatgcc 360
acangtnag ntntgcatcc cctgaaannc tnanaacaaa tgnntaanga ntatgntctg 420
cttaantatt ctttcactta nttagttcna ctgcanaccc ccattcctggn aggggttatt 480
cggnagttaa ggtactttca taagtntaa acanaatgat atntgntatt acgntaacct 540
ttctcttgat gacaatgana aananaagcc agtttccaca gaagactana naannannng 600
ttnggggtgn tctnctggg ngntatcnnt tnttgccana cttttcccn cattttaaaa 660
nngtnnaaca nttnggaten tttcattntn nctttcggt aannttttaa tctntcnac 720
naattggaan canatatttn ncccaantnn nccttttaaaa atcttttagc caacancttc 780
ttctanmaa antngnaana acctntnnn atactaatga aannntgntc attatnctna 840
cnttgtttaa aanaatenta ttcttngnga naccnnttt attcnggttt cncctcttt 900
nncttnnchn nangentent naantggnca caataneggt ctaaanctgn gnatncacan 960
nttcacctta ccttacnta ntnantntnc ttganant aantaggntc ctcttagcct 1020
caaataaaaa taactttnnn aacntntata nctntgcaaa cntntttnc annctnaat 1080
atccaatttn cncg 1094

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<210> 4282
<211> 1247
<212> DNA
<213> Homo sapiens

```

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<220>
<221> misc_feature
<222> (1) ... (1247)
<223> n = A,T,C or G

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<400> 4282
nnggatnnch cgcgtcnncg cnatgtgcna nnaacacnan tgtgtgntgg ngcnctngtn 60

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ttttaengnt	gatnacnnag	atntttntnc	teccnggnga	cgattgnaat	cctanacaga	120
ctacttggtg	ctntttgcag	gtacccatcg	attcgaaatnc	ggcacggagg	cnancannnn	180
tngggaenng	gnttaantgg	cgncgnnnnt	nnnnacnana	gggnacgnan	annnttcnta	240
acaccttnnn	angttaatnn	actntgcagc	nntannnnct	ccntaanngn	nngtanengn	300
nntnaggntn	nnngcagtna	cnaantangc	tacagnnnac	gntnaaatnn	ttngnnnnnn	360
naaaantgan	ggagncaaat	agtgtntngt	gnanncgtn	aanatnnggn	cagatnggtc	420
atnnggnnnn	tnnttnatnt	ggnaacntan	ttngnnnantn	ntgngtnnag	catnngnnag	480
natntnata	tntntaactg	ntntgaccaa	atncatnaac	nnaattactg	nanganaanc	540
ngccntnttt	ntnnntatng	ntancnagan	ngtgaggggcg	nngnagtgan	gatgtgtaga	600
annagntnng	aagtnatgcn	acacgtttat	atgtnnctntn	tatcagngga	ananngatnt	660
ntanngnttg	acngnnntnn	ngctaaagan	aanaggnnna	gcgaganngn	agnnttctgt	720
acagantccc	ncnaantgtn	ngnccgncga	anaatcnata	taattcnnta	tggttatcnn	780
tgtagggggcg	ttcnacacga	tnaattatac	tnacgattcg	tangttntctt	acncaatanc	840
gcncgctggn	anannnnctn	anntcgcgaa	actatagtan	cnncgnnagg	gnaaagatnc	900
annnggtacg	caattaaana	cnangcantn	nntgngggan	atgtacgtaa	ccatantggn	960
tacntactan	nntacatgng	ntntatnttn	tgncgatgat	atcgtnant	atatagtncg	1020
antgatntat	natnctctac	tnatagantt	gtatntnnac	anaagatnaa	tatctacatn	1080
tantancana	gatangctgc	aaatnactgg	ngnacacntc	atanataana	ccnncaanan	1140
tgcgannnat	catnatagag	tgactntatt	atannaaaaa	taaccantnc	gtganatnga	1200
nnntnaatnt	acgtgggtng	atgatcgcta	cgtanaaccn	cngnncn		1247

<210> 4283

<211> 847

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (847)

<223> n = A,T,C or G

<400> 4283

cctgctgtng	ggnanatana	ncgtgctcnn	tttgtaacttc	cccgatggn	ccatcnacnc	60
gacgagccta	acgcttgctca	actngngggga	tcnganttng	agantgactt	tgtgncatnc	120
ntgantanan	ctgtangttn	gtgaaancca	nactacnnng	cctcngnctc	atcacctctt	180
acacattccn	nanantnncn	cagtctnnan	aangagnct	ngatnannaa	naagagnctn	240
tgnannaaca	ggnttnnnna	gcnnngnnnnn	actnanagcn	tgngaantga	ncgnnnnctt	300
ggctctngtc	cggtagaag	acancantng	cncanngacn	ggnnanncg	caggccantn	360
aangnagcnt	gcgntnannt	tnnatgaagt	tgagnatggt	naacnnaatn	tcnaacngnn	420
ctntgtncnt	gnnngnnaca	cntgcctgan	aancntanan	ancnnngnant	agantncnnn	480
aacncngatc	ttatanncac	tttggaanaa	gcactnatch	cctnacnggg	catcctnttt	540
gagancagga	canctgttgn	ngggacgccc	catgacacng	gcccagaana	ctccgggttn	600
tttgnntttc	agcnnnaaan	ggcgaagtga	tttccnttn	cntncngngn	acncatnggc	660
tcatgnnccc	cctnaaaant	nnntannngn	cntcgntana	cacctnnat	ngcnaanggc	720
ccaangntnc	nanttcgcna	ccntttacca	tnaaggatat	taccnnaacc	gtgccctttn	780
gantngccag	ncnattgggn	ntttntttgn	accatttngg	naaaggggca	aantntttan	840
ncgtcnc						847

<210> 4284

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 4284

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gncntttgan ttcataataca agctacttgt tctttttgca ggatcccatc gattcgctgc      60
agcgtctggn gtttncnttg cagnccctgg aaccagnacc tcngcgtggc ctacagagtt      120
atggcgacaa naggccgtgt gcgtgctgaa tggcgacggc ccagtgcagg gcatgatcna      180
tttncagcng aaagananta atggaccagn naacgtgtgg ggangcattn aaggactgac      240
tgaangcctg catggattcc atgttcatga ntttngagat aatacatgag gctgtaccan      300
tgcaggncct cactttantc ctctatccan aaaacanngt gggccaangg atgaanagag      360
gentgttgga nacttggnc aatgtgactgc tgacaaaaga tgggtgtggnc nnatgtgtct      420
attgaagatt ctgtgatctn actctnagna gaccatttgc ntcattggcc cgtacactgt      480
tgggtccatga naaaagcaca tgacttgggc aaaggtggaa atgaagaang tacatngaca      540
ggaaacgctg naatgatttg gcttgtngtg taattgggnat cccnaataa acatcccttg      600
gatgaagctt gagggccctt aattcatttt ttnantccng nnaccttggt aantggnacn      660
tggaacactt aacccctttn tttnttaaaa ggagaaanng tnttntnttt nanangagtt      720
ttttaanccc cttgggtcgan aaaanttnnt ttttnatttn t                                761

```

<210> 4285

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4285

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tnnctaatan nanaatnctn cttnttgntc tntttgcagg atcccatcga ttcganntnc      60
ngangaggag annctgtcgg ncatgtggtg gaancnggnt ncggacntgn catngncntg      120
tgcentgtna actacaggca ctgncnnttt ggaacaactc anggcattca tgcaaggctc      180
atnccgtgtg nannaanngg gactaacatt attggtgcgg ctncnaagc atggtntcnt      240
natggatgna ttctgtccct gtgncnntga tannntatna annnactgaa gatnncnatn      300
aagttaaatn taaagagnat ggcntatnaa cngatcaggt angganntac nntggcaacn      360
cgagacactg tnngtncaa agcgcnnctg ggcntgctca ataactngng ccacaggcna      420
cacnataatn tactctatan atgncctcaa tacnccggtg acnntnnnna ggacngntca      480
ttattangen ctcttggaact gnaccgnact tgtctctgna cagngatnnn ccncgtnccct      540
tanaaagnag ttctacnaa acntgntang cattatanan gtatgcctgc attngaactg      600
nacgtctntg agactntcaa taacgtggtn canttggnat tncaagccac ntatttgagn      660
gataacnntg gcgantgatc atncttactn ggcccttaat gttcncannt tgcantnagc      720
tngcentcca ngaaaacctn gttttcccggt ttggganata aaaacnggga ncctggaatg      780
caatggnaaaa aancngntta gaann                                805

```

<210> 4286

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4286

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tnnctaatan nanaatnctn cttnttgntc tntttgcagg atcccatcga ttcganntnc      60
ngangaggag annctgtcgg ncatgtggtg gaancnggnt ncggacntgn catngncntg      120

```

tgccttgtna	actacaggca	ctgncnnttt	ggaacaactc	anggcattca	tgcaaggctc	180
atncctgtgg	nannaanngg	gactaacatt	attgggtg	ctnccnaagc	atgggtntent	240
natggatgna	ttctgtccct	gtgncnntga	tannntatna	annnactgaa	gatnnnctatn	300
aagttaaata	taaagagnat	ggcntatnaa	cngatcaggt	angganntac	nntggcaacn	360
cgagacactg	tnngtncaag	agcgcnntgn	ggcntgctca	ataactngng	ccacaggcna	420
cacnataatn	tactctatan	atgcnctcaa	taacnccggt	acnntnnnna	ggacngntca	480
ttattangcn	ctcctggact	gnaccgnact	tgtctctgna	cagngatnnn	ccnccgtncct	540
tanaaagnag	ttcctacnaa	acntgntang	cattatanan	gtatgcctgc	attngaactg	600
nacgtctntg	agactntcaa	taacgtggtn	canttggnat	tncaagccac	ntatttgagn	660
gataacnntg	gcgantgate	atncttaactn	ggcccttaat	gttcncannt	tgcantnagc	720
tnccctccca	ngaaaacctn	gttttcccgg	ttggganata	aaaacnggga	ncctggaatg	780
caatggnaaa	aanccgntta	gaann				805

<210> 4287

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 4287

gncctttttg	aattcanata	caagctactt	gttctttttg	caggatccca	tcgattcgct	60
gcagcgtctg	gggtttccgt	tgcatctctc	ggaaccagga	cctcgccgtg	gcctatcgag	120
ttatggcgac	naaggccgtg	tgctgtctga	agggcgacgg	cccagtgcan	ggcatcatca	180
atttcgagca	naaggaaagt	aatggaccag	tgaagggtg	gggaagcatt	aaaggactga	240
ctgaaggcct	gcattggattc	catgttcatg	agtttgaga	taatacagca	ggctgtacca	300
gtgcangtcc	tcactttaat	cctctatcca	gaaaacacgg	tgggccaag	gatgaagaga	360
ggcatgttgg	agacttgggc	aatgtgactg	ctgacaaaga	tgggtgtggc	gatgtgtcta	420
ttgaagattc	tgtgatctca	ctctcaggag	accattgcat	cattggccgc	acactgggtg	480
tccatgaaaa	agcanatnac	ttgtgcanag	gtggaaatga	agaaagtcca	aagacaggan	540
acgctggaag	tcgnttggct	ngaggtgtaa	ttgggatcgn	ccaatnaaca	ttcccttgga	600
tgtagtctga	gccccttact	catctggtat	cctgctagct	gcagaaatgt	atcctgataa	660
cnttaacact	gcactttaaa	agtgttaattg	agtgaacttt	canagtgcct	taaagtacct	720
gtagagagaa	ctgattatga	tcactt				746

<210> 4288

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 4288

nnatatnang	gnnnctnntt	acttgctctn	tctgcaggat	cccatcgatt	cgagaccaac	60
ccgcctgcag	gaggtctctga	acctcttcaa	gagcntctgg	aacaacagat	ggctgcgcac	120
catctctgtg	atcctgttcc	tcaacaagca	agatctgtc	gctgagaaag	tccttgctgg	180
gaaatogaag	attgaggact	actttccaga	atttgctcgc	tacactactc	ctgaggatgc	240
tactcccag	cccggagagg	accacgcgt	gacccgggccc	aagtacttca	ttcgagatga	300
gtttctgagg	atcagcactg	ccagtggaga	tgggcgtcac	tactgctacc	ctcatttccac	360
ctgcgctgtg	gacactgaga	acatccgccc	tgtgttcaac	gactgcccgtg	acatcattca	420

gcgcatgcac	cttcgtcagt	acgagctgct	ctaagaagg	aacccccaaa	tttaattaaa	480
gccttaagca	caattaatta	aaagtgaac	gtaattgtac	aagcagttaa	tcaccaccca	540
tagggcatga	ttacaaaagc	aacctttccc	ttccccgagt	gattttgcga	aacccccctt	600
tcctttcagc	ttgcttagtg	ttccaaattt	agaaagctta	aggcggccta	cagaaaaagg	660
aaaaaaggcc	acaaaagtnc	cttttacttt	cagtaaaaat	aaattaaaca	gcagcagcaa	720
ccaattaaaa	tggaattnan	gaaccaatga	aataatnttg	ng		762

<210> 4289

<211> 1563

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1563)

<223> n = A,T,C or G

<400> 4289

gngaannaaa	ggaacgaccg	gnaaaaangn	naccgcggcg	nncacngacn	gnnaatacnn	60
ngcgacggnn	cgtgnaaaag	nggngaggcg	naagtgggcn	naaataaana	aaacgcggcg	120
agagcancng	nngaactann	tngcagaaga	gatggtnnan	gcacggagng	gnccgttttt	180
gaaaaccncc	tcggtncaan	gccccncgga	naaatngtac	gcgtgngtaa	gaaaggccng	240
nnaccgtgna	aantcgtgcc	gnntggagcg	agcgnagaaa	anncaagtgc	naagacgacg	300
aantttttgt	gncncnagt	ngaanannag	gtggcnnacg	ngggnggggg	gggntngna	360
gangngaatt	gtnagngnan	gntaaaanac	ncgcgngnng	gacacaaaag	angganancn	420
natgnggna	gagaantnng	gtaancgnng	nnaggagaag	cgnnngnana	ggngnaggta	480
tnngnagagc	gnancanngg	atncgagggg	aaagcgnggc	gagaaacatn	nntnacgaca	540
atggngcgag	aggaaacggn	gcngcggaan	nnnaaannaa	ntagagagan	acnngnagnt	600
ggnananana	ngngggngga	ggaanngggn	nnnganggaga	tagagncacg	gggcgtgana	660
nacaaacaga	aagtgcgtg	nnatagangn	ncgnaacntg	nangangngg	catannnngg	720
gananaagata	anntccnaga	tagagacgac	ggggcgcnta	nnngnnnaga	ttgncggaca	780
ancgctgatg	ctgncnnang	ntgagagaaa	gcgangncan	ctcagggggg	ggaagggngg	840
tgtagngagc	gnacncaa	ggagaaagaa	cggtggaaga	caacgacgcg	gngnacacac	900
gntngagacg	tgggcaaaca	nagcncangn	tnantngagt	gngncgatgt	aagtgcantg	960
aaacatacna	nctcggnngg	agggnataan	aanaggaatg	ngnggnangc	gaaganaagn	1020
ntntnctgta	anaactagan	ggncgcanaa	nnnggngagg	cgaagacgat	gannnangan	1080
aaaggnggat	cnaacggann	nncgatgcn	attntggcnc	acngtaatat	atggannagc	1140
gaggacatng	gcgnnngaga	angccggaan	gacggaagat	agaatgnaan	attgngggga	1200
gngnnagnaa	tgaacgnnna	ngacgngcag	gtttgngagn	ggagnangaa	ggggagggac	1260
gacgagggtn	gtagnggagn	nggacgagtg	ancgcngagt	gagatncaag	gacgaagana	1320
nacnnnggng	anncgtagnt	cgcgataacg	nnataangag	nnanagnngga	nncanatacc	1380
gaanncnaga	nncacgtggn	ganntgcaaa	aaaagaancg	ggntnggcan	gacgatgcgg	1440
nnngagaagg	ganaaatnac	ncagggaann	tgggnggaac	nncaatangn	gtncnangcg	1500
gaaaaangng	ngataaggna	anganggata	gcnaancgggn	gacnanngtg	ncnagngaag	1560
ccg						1563

<210> 4290

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4290

gaagtngctc	ttgttctttt	tgcaggatcc	ctcgattcgc	tnacgtgtcg	ncggggcggt	60
cgcagacttc	agggtnctct	aacggagagg	ccaggcnccg	cgtggccnga	caactnctg	120
ncegctcctt	cagcaagtga	ctgtctntnn	cactncttac	ctgctgaang	atctngctca	180
gengetggaa	caatgctgct	gtnacacant	ctcnctntg	cnacttnagg	atgctncttg	240
gtcaccaggn	antggganct	gtagaccngn	cgcattgcact	tnncnecat	tcactgctga	300
ctggcttanc	tggnatangt	tcnagngacc	gggacttntc	ttanagttag	nagccctcnc	360
aactacntca	tacntctgca	tctgannatt	ttcacagagg	nnttntcttn	gaagnggact	420
tggcaagnct	tacaagttga	tnnatngnna	ttggnaantn	cntttcttca	aatgctaaaa	480
ntcatgtcct	cataaatgca	antgatttta	gancacaann	cccccatgta	cannttccat	540
tanttaaact	agaccaatgt	gtacgggtca	tttgnggtat	tgnggaacat	cnnngttact	600
ggaaangact	attaanattt	cacagatggg	cttnatcaan	ttgctangaa	ttgngtctnc	660
taagtgtagt	taacttgcag	aatccaactt	aactncnagn	nnaantttca	aaactgatnc	720
tgtgaatgga	tggggancat	cttaactntt	ng			752

<210> 4291

<211> 881

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(881)

<223> n = A,T,C or G

<400> 4291

annnnnnnnn	nnnnnngnnn	nnnnnngggn	nnnnggnnnn	gnnnnnnann	nnggnnnnnn	60
nngggnnnnn	nnnnnngggn	nnggngncng	atangnagac	ccgttnatac	aacgacccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannnag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnnaaacn	nnnaaacn	gngagccncc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nccnngggac	gganncagna	agagggccag	cgcccangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanacngc	agcaaagnca	gcanaganac	gcaaagggnac	aaagannnng	480
agccaggcan	nagncnagac	acagnaaggg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncngaggg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgnngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggnngggcc	ggcnacagng	gccacgncnn	cggggggncn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aacccgggng	ggaaacccca	nccnccgagn	gnaaaaaggg	840
cccaaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4292

<211> 786

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(786)

<223> n = A,T,C or G

<400> 4292

aangnnngng	ggnttgnttt	nntggntggg	ntgttattcn	tggcgctctg	gctacttgnt	60
nnatttgnat	gnatnccggc	gntnccgann	gntgtntctg	gttnnatctt	ntaaatngct	120
tgtccttatt	atgttggtgn	ttaacanctt	aaacgctanc	tctagaccag	gaataattat	180

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ttgctatata ttacagcaaa aaatatgtat gtntaaatgg actcattcaa gaatatataa 240
gngaactcct attacaaaga aattgncaaa cagcccagta tatnaatgaa tataaaaaatt 300
tgagaagata ttttncatng naagatntcn aantgaacat tnggcattggn aaaaccaaatt 360
tttaggatat nactacacac tctggncatg tttaaaagac tganaaatatt aagtgtgtgg 420
naatgtnnan caantggaaa tggcctgcat ntngcatnga aatgtaaaac antacatata 480
ctntgcaaaa ctctgtccaa cattntctac ccattnacca agcaactnca tencctagct 540
atanataccc agggaaaata agtanggtat cttcacagaa atnattgtat gaagaaatat 600
tcatagttac ttattgcacn tgtcagttat cangtnaanc tgtctencat cnggaaaaat 660
gggatatcaa aattggtgtg gataatnaat acaancaatt agggatatta cttggngcna 720
aacaaaaaat gaanacangg ggaaaatnca cattcaaacc aaantangtg gcatattata 780
cccacg 786

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<210> 4293

<211> 866

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (866)

<223> n = A,T,C or G

<400> 4293

```

angcnagagc ccacggaatt tncatgcctt tatcgagncn gcnccegcgc ggannnaaac 60
agcnggacnt gcencacgag nggantntgc nctttttttt gggccgncca nntcccacag 120
ncngangggg ggttaatnnc ngaacgctgn agaatannta ttgatgagca ncngagaagn 180
aacatgnnca tggccaccag gcncgnccac tcacngcaaa agtgaccaag ccagcangtc 240
acccttaact ggcagaaacc aanatcaggg nggnagnccg gacttnaaat gcnnagaaac 300
ctgtnagtga tggaagggna agaaaaattc agnatggana anaanaatcn gggcacncaa 360
acaaattcac tganaantcc anaagnctat tnanaaacia gatagcnatg agtncanatc 420
natecnantg gncntntaat nntacaacca anccttaacc ttccactcta aagggaagga 480
atactangaa tggattacnt ttccggggta nnataaancn ggggnantaa atgatnangg 540
gaaancccaa aanctaccen nnantcnang gantntggaa tnccttactc ttcacaaaga 600
ncatttccag nttctaaggg gaccccttta cnaanttnaa aanggattcn annttggcnt 660
ctnaagnggg ntgcgccggc ccnnaaaaat natnataatg gaccnggggn tcaaanngan 720
ctnacnggaa aaangaaagc ccggnaaagg accaggcntt tccaaggaan gaagggaaaa 780
tnccncgaa ancccccggg ataaanctca anggggttac acaaaaaagc catccccncg 840
aattaanccc aaaaaattgg gcagcc 866

```

<210> 4294

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (787)

<223> n = A,T,C or G

<400> 4294

```

ggnnnnnnnn cnggnttnnn nnnttgcttc tnagccttng catttgactc ctgcaggatc 60
ccatcgattc gaattcggca cgagcttttag ttcagataaa ggaaacatcc aaaaatactg 120
agatgagtaa aattttattc aaagtaggtt cctgctttgt cttgatctca atccattcta 180
actcctgatg tcatttaccg tgtgagatct tagtacaatc atgaaaagaa tatgagcatt 240
tatcaaaact ctctgacatc tgtatgttta gaaatgaact tacacagcaa aatatgattt 300
ccttgcactt atttaatttt tctaacttca atttctacct atgtgtctct gccagtttga 360

```

```

cctgattcag acaccagaa cttgaataaa gaagccctct tctattttca ttcttaatga 420
atataccttt tcccatgtcc acattgagcc tcccttctgt gtactctgct aatgcagcca 480
catgtctagt tccccctctc tgcaccaccc tcaactcttc tttcccatct tcttacttct 540
ttgggtgtgac ctctctgtag gacaacatgc catttctgat tccccacaca cataccttat 600
cattgatacc taccctcang gattagaatc tggctagtaa ttggaagag cccatcaagg 660
cttttagtaaa gtattggact ggnaagtcaa caccattat ctcataaaa gggatgctgt 720
gttgggggca nanggagaga gagagagaga gaccganaga gagacagacn gagagagaga 780
aaggaat 787

```

<210> 4295

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4295

```

ggnttnnnnt nntgccttan aagccttgcn tangatgcen ttnggatccc atcgattcga 60
attcggcacg agggaaccat gagaaccgaa gctagaattg ctattgaatt actttatttt 120
ctcttccctt attgggtaga gatacatcat tactggcctc aggggtttac ccaaagaaag 180
ggtatttttg agcaaataat gtgatttctt ggctattttg ttgggggctt aagatttttt 240
tttttcaaat gcatttttag tcaactaaaa ttaactgtcg taccatctag aactatactg 300
tccagtacca tagcctctag ccgtatgtan gctatttgta ttaagattaa ttgaaatttt 360
aaatccagtt cctcagtcac actagccact ttctaagtgc tcagtagctc tgtgtgacca 420
gcggctactg tattggatat tatagaaggt tctttcattc aagatcatca ttcttgacag 480
accataaat atttctata aagactgtag aagtgtgttc tggagggttt gctctccaaa 540
aagaattgta atatagagta gaattgggat agagtattga anacactggg tttagacatt 600
ggatatttta aatgattgng gtgttcaatt catgtgctgc ccaactggag ttatctagtg 660
gatattgacc ctcactggct tgaccaaaag cccggaatag aaaggcaggg aattcctgaa 720
attctaactc taaaaatttg gcaatggaaa aagccctttt nccctaaaat tantccatt 780
nttgtaaatt ccttg 795

```

<210> 4296

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(740)

<223> n = A,T,C or G

<400> 4296

```

taagttgctc tgttcttttt gcaggatccc tcgattcgaa ttcggcacga gactggagtt 60
aaggaggtag atgacttctt tgagcaagag aagaacttcc ttattaacta ttacaatagg 120
atcaaagatt cttgtgtgaa agctgacaaa atgaccagat ctcataaaaa tgttgccgat 180
tactatatcc acaccgcagc ctgcttacat agcctggctt tagaagagcc cacagtcac 240
aaaaagtacc tattgaaggt tgctgagcta tttgaaaaac taaggaaagt agagggtcga 300
gtttcatcag atgaagattt gaagctaaca gagctcctcc gatactacat gctcaacatt 360
gaagctgcta aggatctctt atacagacgc accaaaagccc tcattgacta tgagaactca 420
aacaaagctc tggataaagg ccggttaaag agcanagacg tcaagttggc tgangcacac 480
cagcangagt gctgccagaa atttgaacaa ctttccgaat ctgcaaanga agaactgatn 540
aatttcaaac ggaaganagt ggcagcatth anaaagaatc taattgaaat gtctgaactg 600

```



```

gaaataaaac atgccangaa caatgtctcc cttttgcaga ctgtattgac ttgttcaaga 660
atactgatat gccttctca gaagaaaaga aatgaatgtg aaagaaagcc agcctcactg 720
ccttaaatac ttacccgga 740

```

```

<210> 4297
<211> 1191
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1191)
<223> n = A,T,C or G

```

```

<400> 4297
cccgcataa aanananacc cngngnacna annacacacc cannaanana taatanngcn 60
ataagnnnac angggggaac aggggantn ggncgaatga ngacnncaat tnacagggnat 120
ttaattccaa nncnntnana ctacngnccc nnanatcnna cgagnatnca ncccaagnag 180
nancngacan tcagangagc gtnntacaan nacngcaann acnngaccag ncngganega 240
taangggggn caaancanna nttccangga tcangcatag tacnaccnct gaatnggtac 300
cattncnact ttacnncnga cnaacaagta tccctgntgg cctnaaaatn caagttgaaa 360
atnaantcng aantctncca gancaaanan gacatncann ccnatnnntt anantacnaa 420
ntatcnaatg ntanaaatcc atgggnaaga cataaaaact nncagctata naaananctn 480
ntaaanggct attnggatnt aaaaaccana tnatnnnacc ntncacnac ctannnnntna 540
agaaancann tnnncaanaa ntacnancca atnnncagan ggacgnnaaa tgnnnacant 600
cangaaattg aaaccngana agncccnatn naangnntta aaaacntcag cggcaaattc 660
cncatnccac naanggnntn ncggaaaang gnnnntaact ggntaacncc natantntaa 720
aacgggaacc atcgccaatg cgtncgctan ccaacanann taaancgatc nacannacca 780
cagnnnnta ttnaagaatc tnganannca cacttacnna ttcaaatagg ngncntnnnn 840
tgnatatnta ncnnatnngc cacatctnat ntatcaccnc annctcanng ntcnnacanc 900
atggagagca tntcngana caancngtg annancacat cncancanng cgaaacncca 960
natatntacn tgggtantca ncgcgnaact gcgcgcgcgn agnatnagat cacattatnt 1020
gatactacag ctaaanngac acacattaca nngtntntac anaaatactn tacnntcnan 1080
acncmntaca cacaaaaatt acctcanagg gaganannta catatctnaa aacanccecn 1140
anantnancn naaaagactc cntacgcgna nanagtgcgc tctcgnaann g 1191

```

```

<210> 4298
<211> 753
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 4298
ntnecgtttnn ntanaacntt gntcttttnan tctgcaggat cctcggatc gctaacaagc 60
gattctaaac cacctatgag tatttctttt agggctcact taaatacatg tttgtatata 120
ctgtattcta gccagaataa ttttagatct gatcaggtag tagctaaaat tagaaaaaaa 180
caaaatagat gcttaaagaa tttgcatcca tttttgagtc taaatctttt aaaatatact 240
gagatccaca tctagtgaat tgctcagtgct aaaatattat agattatagc taaaatccag 300
attaatactc atttggggtt ttttatagtg gaacttcata gtaatacaaa aagcagattg 360
tcttctgtgc tccgtgtgct ccacagtagg tattgaaact ggtaaaatca gttttttgat 420
agtgtgtgta tataagaaaa aatagatata cacattcttt tttctcagtc aacacattga 480
ttgaacactc tggcaaagat gctgtggttg atgaggttg agttcgaaag aagaagcaag 540

```

```

cgctggcctg ccttgaaaga accgaagtct tccccattca cttctctaga aagctgccaa      600
ggacagagggc agaaagaatg gatgaaantt ctgtcaagca cacttctggg ctcttaaaac      660
ttagaagtgg ttctaanaga acagaagtat tagagaaaca gttcctgtgg aatcacatct      720
ttgggtggna cccattgctt tttttctggg tga                                     753

```

<210> 4299

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4299

```

ntnctttttn ntanaacntt gntcttttnan tctgcaggat ccttcgattc gctaacaagc      60
gattctaaac cactatgag tatttctttt agggctcact taaatacatg tttgtatata      120
ctgtattcta gccagaataa ttttagatct gatcaggtag tagctaaat tagaaaaaaa      180
caaaatagat gcttaaagaa tttgcatcca tttttgagtc taaatctttt aaaatatact      240
gagatccaca tctagtgaag tgctcagtgtc aaaatattat agattatagc taaaatccag      300
attaatactc atttgggggt ttttatagtg gaacttcata gtaatacaaa aagcagattg      360
tcttctgtgc tccgctgctc ccacagtagg tattgaaact ggtaaaatca gttttttgat      420
agtgtgtgta tataagaaaa aatagatata cacattcttt tttctcagtc aacacattga      480
ttgaacactc tggcaaagat gctgtggtgg atgaggttgg agttcgaaag aagaagcaag      540
cgctggcctg ccttgaaaga accgaagtct tccccattca cttctctaga aagctgccaa      600
ggacagagggc agaaagaatg gatgaaantt ctgtcaagca cacttctggg ctcttaaaac      660
ttagaagtgg ttctaanaga acagaagtat tagagaaaca gttcctgtgg aatcacatct      720
ttgggtggna cccattgctt tttttctggg tga                                     753

```

<210> 4300

<211> 850

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(850)

<223> n = A,T,C or G

<400> 4300

```

gctnntgacc annntanngn tnggaatcnc antcgetnna tngcnentng attcgaattc      60
ggcacntggn gtctnnctgn tctgtgttgg caagggttag ttaccaagtg agcaagatng      120
ttccctncta acaggctccg acgggtgaac agtntgngtg ntatccatac ncaggcacat      180
gccatcggtt tacagcangg tctcaactg gtgcctgctg gccctggggg angaggcaaa      240
gctgtggctc ccagcaaagc agancaaaaa gagttcgccc atggatcgaa cantgacnag      300
tactngcnac gccgagagag gaacatcatg gctgngaaaa agagccggtt gaaaagcaag      360
cangaaagct caagacacac tgcaagagtc aatcagctca naagaagata atgaacgggt      420
ggaagcaaaa atcaaattgc ntgaccaagg aattaaatgt nctcaaanga tttgnttctt      480
gagcatgcac acaatcttgc agacaacgtn cagtccatta ncacttgaaa aatttcgaca      540
agcagatggg ngncaatggc acggaccant tgacccttaa ccccttttcc aagactttta      600
naagcttгна ggctttggaa tggctaaaaan ggtggtggac ccccggnaa cctcnntcat      660
tgtcancngg gcntnaaaaa ntttggecca tttntccent tgaacttcan nagnacccca      720
tttggttagc ctatttttcc tgggggannn aaatccctnc aataanttnt nnntnnnnn      780
ttaaannnngn tnnccenttn ngnatccgn attatcngg gnttttaaaa nggatnanan      840
ggntttttct                                     850

```

<210> 4301
 <211> 790
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(790)
 <223> n = A,T,C or G

<400> 4301

cnatcatctt	tgnttctata	ctcagcttgc	ntgtanagna	ngtccgggtt	accgnncncc	60
anngtaccct	atanngantn	gtantacaaa	gagactnann	gcnnnttnaan	ggcgcggtta	120
ctacananna	cnnantngtn	acncnctngn	atcaccnanc	ttaatctcct	tgtancacat	180
ncctnctttt	gccagctngc	ntgatngcga	agaggncect	accnatcgcn	cttncaaaca	240
gatgnggcaa	actgaatggc	aaatggacnc	gccctgaacc	cncgcatnaa	gcgctgttgc	300
tgtgcaggtt	accgcncag	tnaccanta	cacttnccan	cgccttagen	ccctttcctt	360
cttttctttt	tcnttacgta	cncnnaatnt	gcgnnggatn	ntnnnantaa	gctntnaatt	420
ttaggcttcc	natacngtnc	ntaantagn	ctttaccgca	cntngatcnn	tnaaaantng	480
nntanggtna	ngggtcanat	accgtgccat	acccttgtag	accnttnntt	nccnttgaac	540
gtngaagtan	atcgttcctt	aataatncac	tcttggancc	aaactggaac	cananctcga	600
cccaatctnc	nggntatntn	ttnggattta	taaagngatt	antgcccttt	gtnnnaacta	660
ttggggcttg	anatntgncc	aanattttta	cgatgaaatt	ttaaaccgcg	aaatttttaac	720
ncaaaaaaatt	ttaccgcttt	ancaatgtta	tttggaatgc	ctntaaaccc	cctttntann	780
tcnctcccc						790

<210> 4302
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(775)
 <223> n = A,T,C or G

<400> 4302

catatatctt	tgatttcctt	naacccttnc	naactacttg	ttctttttgc	aggatcccat	60
cgattcgaat	tcggcacgag	ccaacgatct	gtatcaacca	cgtcttcatt	ttccttttcc	120
tgtttgnttt	actctcccc	caaaaagagt	cagtttcctg	ttttctcaat	ttctcagttt	180
aaaattagag	ccctatggca	ggtgccatgt	acagctgcaa	aggtggcaag	aagccctgag	240
aaagctcaag	aacaggtcaa	gggggtgggt	aaggaagatg	ggacgttcaa	gcagaaacaa	300
aaagaggagc	taaaagtga	agccaccccg	ccaccagccc	tcaccagtca	caggtggaat	360
taaagaaatc	tggcaaaaa	taaattttgt	tatccgtgct	tggggcggtg	acccttgacc	420
ccatttcctat	ttaaaccatct	ggattctctg	ccataacatc	ttttgccacc	tatagctaca	480
ataaagtgtc	gtcttggagt	ctgttgtaca	tttaacaata	aactttttgt	naggaaagta	540
aaaaanantc	tacagttcaa	tgcaggatan	ggatgggtgg	gccttaattc	aggaggtggg	600
aggctcaaaa	tcaattactc	tgtttganga	gatggaatct	nctggaatct	caaaaangga	660
tttnctttta	ngaactcatca	agactcatcc	cgacttcgtc	aagtcttttc	tcttgttggg	720
agttatgggt	ttggntttta	attttngttt	tggttttttt	ttttgggggg	ggnaa	775

<210> 4303
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4303

gtttcataca	agctaaactng	gttttttttta	aaagccccgt	ttccccaatc	ggnatttgng	60
gtgcnaactgc	ggggaggagg	ancccntacc	ngangnaccc	naattgcggg	ccacgggagg	120
gcgtanacac	ttttnacngn	gtanatggcc	ggagnnggng	nttttancca	nattttantt	180
nntgggcnc	ccgngtgctc	tggtcagncc	tttaagtgg	tnaanangca	cgngcctanc	240
ccctaantta	aaatncccc	gnanaanact	nttgcgcnat	naacatcact	gannggtggt	300
tctnatagta	tgntntacac	ctatnacant	ttccctcaat	antnattacc	tgtagngcaa	360
gtggncanac	ttnanngcag	agtnaactnc	angnggtttc	tnaatngggn	natntcggac	420
ngtctngtan	anttgcacaac	gnaaatatat	gacgncnatn	ggaaaatnat	tgtngntatg	480
caaggcnttg	cggngtccan	cntantnctn	atgttgaaaa	tncganttat	aactnntatg	540
angctgcttg	ttnnatttga	naancntttc	ctaanntctt	tganncgcn	attaaanann	600
tngttnntga	natnganagc	ntaacacccg	ctacaanata	tagnttgna	tnaatgntga	660
aaactccgaa	cctctgngaa	attcatgttt	nattttgatg	aacngggcct	ccaatntnnt	720
attcgntttt	ntannnggac	gnnacctggt	gatanngctt	ttttcttttn	cntntnanng	780
aanaatnaac	ctanntaact	caaangcnc	anttgatctc	antaaaann	ngantgnaan	840
tnencattga	ntttnaaagc	gggntttant	ttaaaanaac	ntcccttttg	ggngctgtggg	900
tngttgncna	cncnanangg	tgnaaaattt	tttttttncg			940

<210> 4304
 <211> 881
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(881)
 <223> n = A,T,C or G

<400> 4304

annnnnnnnn	nnnnnngnnn	nnnnnngggg	nnnnggnnnn	gnnnnnnann	nnggnnnnnn	60
nngggnnnnn	nnnnnngggn	nnggngncng	atangnagac	ccgttnatac	aacgaccac	120
ggancggann	cggcacgaga	agcngcnagg	gccaggngnn	aannnnanag	gnnnagnngg	180
acncngnnan	gaaaaganag	gnnaggggng	ggcgacagg	nganacagnc	nnagaaaaag	240
caggannag	caaagnangg	gaaagcnagc	gggcangcnc	gcnaaccngg	ggaacgnccc	300
cnnnaacacn	nncnaaacnc	gngagccnc	nnnaacgaag	gaggaggagg	agcaaaccnn	360
nnccngggac	gganncagna	agagggccag	cgcceangga	naancacaag	nanganagcn	420
ggaacnggcn	caaanaacngc	agcaaagnca	gcanaganac	gcaaaggna	aaagannnn	480
agccaggcan	nagncnagac	acagnaagg	aacagacaga	naggcanncg	aggccnggaa	540
ggagcgnaca	anccgngngg	nnnnaaagcn	aaangnanna	aacangagcc	anncnagagg	600
angacagcca	gnannaaaca	naaaggccgc	acgnacacag	cagcgnngcn	aagcgggagg	660
agccnaaaan	aacanangna	cggngggccc	ggcnacagng	gccacgncnn	cgggggncnn	720
ggcncccaag	gggagggccn	aagggggngg	gnnngaacnn	cccnggggga	cnanaagngg	780
ggncncncca	gnccgggggn	aaccggggng	ggaaacccca	nccncggagn	gnaaaaagg	840
cccaaaanng	cccagnagga	aangnngcng	gggcaaaacn	g		881

<210> 4305
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (891)
 <223> n = A,T,C or G

<400> 4305

annatccttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncaggn	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcnat	120
ngncnntcat	tgaatcaaac	tggaaaacct	gctggcntgc	tgetgacgac	tctgnggcta	180
ncaaggtnct	anactcnnaa	aacatgangg	tngtnaganc	ctcnncgaga	catnceaata	240
tctgtctctc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganacacga	acatgatgna	aagcccacca	tnaccnntan	agcncttaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatattggta	gttgcnnnge	480
ngacnatggt	aaanggacna	atnattcggg	tgatgggact	gnantgtgan	cnggnctng	540
naattanggg	gccanncttc	tagggngtgc	ccnnncntg	cctntcnntc	canaaatgen	600
tanacgctgc	ttntacctgg	gaagnnatg	gatgngnaaa	gaaacncnt	nnnttgngn	660
ctttgccaca	cnncnngggn	aaacttttga	gncannaaaa	naccncnta	taaccanntt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccctttac	780
agggnaccg	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccngt	ttttttacag	nttngacnca	aaaantttaa	agggaaancc	c	891

<210> 4306
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 4306

ntcnnncttt	aancccntat	ccttctcnaa	accttttgaa	cgcnncntnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnggt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaaggttg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttgccc	acaggcaggt	ccagtcactg	caaaaagtac	caanccanca	ggtcaccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaaat	tgcagagaaa	cctgtaagta	300
atggaaggt	aanaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttta	tattacaacc	aatecctaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tgggtagata	atctggtaat	aaatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttangng	tcnttngccc	ntantatatt	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gntccctgn	atatchnaaaa	ttgccanttt		770

<210> 4307
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (732)
 <223> n = A,T,C or G

<400> 4307

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ggnggggnttt ttnatatana cangetactt gttcttttttg caggatccca tegtattcgaa      60
ttcgggcacga gggccctcat ctccagctaa ctgtggagaa gcccttgggg gctccctgat      120
taatggaggc ttagctttct ggatggcatc tagccagagg ctggagacag gtgtgcccct      180
ggtggtcaca ggetgtgect tggtttcttg agccacctt actctgctct atgccaggct      240
gtgctagcaa cacccaaagg tggcctgcgg ggagccatca cctaggactg actcggcagt      300
gtgcagtggg gcatgcactg tctcagccaa cccgctccac taaccggcag ggtacacatt      360
cgcaccccta cttnacagag gaagaaacct ggaaccagag ggggctgccc tgccaagctc      420
acacagcang aactgagcca gaaacgcaga ttgggctggc tctgaagcca agcctcttct      480
tacttcaccc ggctgggctc ctcatTTTTa cgggtaacag tgaagcttgg gaaggggaac      540
acagaccang aaagctcggg gagtgatggc aagaacgatg cctgcaggca ttggaacttt      600
ttcctgttat acccaggcct gattcactgg cctggccgga anatcttcta aggcattggtc      660
gggggaaaaa ggccaacaaa ctgtccttct ttgagcacca anccnnaccc aancaagcag      720
acnttttttt tt                                     732

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<210> 4308

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4308

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gnnccagctc ttgttttttt tgcaggatcc ctcgattcgc tgtattcaaa cttatgagag      60
tataaaggat ctggagggtg gggatatgac tgacaaggaa aggctgtggc cacctgatga      120
ccctttccct ttttattaaa cgggacacac ctgtttccca ttctgctgta gtttagtttt      180
tggtttggtg tggttggaac tgctttgaga atcctgggat ttgtgctgct gctgttatct      240
aaagatcaaa ggagtaaaac atagtgtgct ctaacttttt tccagcagca gcaagtggta      300
ataaacatga aaactgggtt gtagcagttt tgaaagaata gaatgcattc aaatgtaagg      360
ctgcttcttg atcattaaag ccagtttcat caaacagttc aacagagagc agcacttaat      420
accctttata cagcccatth tttcatagtt tcatttggtc ttgcccacaa gcttgaaatc      480
caggtttaagg tatccagcct ttatcatata agcattgaca ttatccaggc ctagttagta      540
gcagttaggt aacgggattg aaaaagattt gatggagagg aaagtatcta atattagtca      600
tgggtttgac cttaaattgct agacagtcgt gccattcaca aagtcagaaa atncagcagg      660
aagagacgct tttananggg cagagaatta gaggatgggt gtagtaatga aaatgatgc      719

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<210> 4309

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4309

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gggttnannt tcnaannget gggctangcg ctttctgcag gancccatcg atncgttcgg      60
cacgagggtg cagagagcag ttgaaatggg ttttagttc ctatggaaaa gttgaagggt      120
tttggtctaa ggaccagnca cagtggaaag atgcattcga gaatgatgag cgtttatcta      180
acccccagat tgagtggcag aatagcacia ttgacagtga ggatggggaa cagtttgaca      240
acatgactga tggagttagt gagcccatgc atggcagctt agccggagtt aaactgagca      300
gccaacaggc ctaagtgccg ggtnccttgg cgttggtgac atgctgcagc ctggaactct      360

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gatatccagt	gtgactgcaa	agctgtcttc	tcactgggtac	tgccttgtga	gtactgggtg	420
gactgtgggg	catgtggccg	ctgcagatcc	agtgggttatt	nctaagncta	tgacaggaca	480
ggctganctt	gcntcanaac	cttctctgac	agacacggga	actaaatgtg	aaaaaccaat	540
aanctggaga	ctcatgaatt	cacacgagga	aaagcagagg	nttattnatc	tgnccttttca	600
acatttnttt	cctctgngaa	angaanggtc	anaggctttg	naaaagtggg	aaaactaatc	660
acatgggaag	tgtaaggggc	ancatccaag	ctaccaantc	ctaaangngn	caaancanac	720
ctttngggaa	aaaccnaatt	tttnnaagccc	gggntnnnnn			760

<210> 4310

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4310

tttnnaatngt	nncttccctt	tcctaatingc	ttggcggtttt	tttccattta	aaagtatttt	60
atthtttttcc	agtcaaatga	ctagttaaca	agaaaagagta	aacttattta	acatgctcta	120
attataaatc	actgcattaa	ggacaatgaa	aataatcaat	ttcggttata	caatatatac	180
agttgtgctg	caaccaaagt	aatcaggtga	atgaactgaa	tatcatacat	ctcaaaaatag	240
catcctaagc	tgcatattat	gttatccacc	ccttaacaga	tcacacagtt	actcttagtc	300
tgtgtacatg	ttctgagcca	tcatcccaga	tctgatggag	aatggcatgc	aaaatgccag	360
aatcctgcag	ctgcagttca	tgaaacataa	actttaaata	taaatagata	tctacaatgt	420
ttttctttct	cttagttgct	tttttaattt	gcaaggagca	aataactaag	aaaggatatt	480
agcagggctg	ttaatatata	tctcctctgg	taagagtact	attagttact	gcacaatagc	540
acccaaattg	gtagactgga	aaaaatattcc	tanggtattt	atgtcccagt	ggaacctgac	600
cggattaagt	tttggggact	gggagttcta	aatgggttga	tattgaaatc	aacctttaat	660
tcccttaata	ntaagcctng	gcaacccaag	gtnggggtcca	aaaagggcnt	ggacctatta	720
aaaaattcca	ggattgncca	gggaagggat	ttgggttaaa	aaaattggan	cnnttaaggt	780
ggccaccttg	gtggccaaaa	aattnccat				809

<210> 4311

<211> 865

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (865)

<223> n = A,T,C or G

<400> 4311

ggaaannttt	tcctaanacc	tggaacaagaa	ncagnaaaaa	cgngnctnng	aaacttcctc	60
ttncnncnag	cannncnaca	ttgggnctgg	gcacgaggtt	agagtaagta	anagatntng	120
ccnatthttg	cacttaaaac	caagaaaagag	agtcancaaa	tatttatacc	attctctcat	180
taagtgcac	tggttccata	aattttaaaga	cagcgggtca	cccatatcta	tggnnttgca	240
ttncatgggt	tcagttacca	cagtcagcct	ctgtctgaaa	atattacaat	ggaaaattcc	300
agaaataaac	aattcataag	ntttaagttg	catgccgatc	tgagnagcct	gaatgaaaat	360
cttacancat	ccccctncaa	ncaggctagg	ncatgacatn	ancccttgt	ccagccataa	420
tccaacactg	gttatggcta	cccaccccan	taggnaacat	antagccaaa	cnnggggtatt	480
caganccgan	cnggncntgg	gnaanccata	anatgnctcg	gagnnccaag	ggnacccctn	540
aaannntacc	cttaaaaatag	ngganccccc	aaaatggcca	nngaaaatggg	ccaaaanngg	600
gaaanaaacc	gggcccnan	ncnaacaaan	tannngntaa	cgggnncatn	aaagnccccc	660

tnnaccagn	gccccaaaaan	nactgnaant	aaaaatccca	ntnaaagggg	cnaataaaat	720
tnnanggnaa	aaaaacnagg	gnngggaccnn	agggncaggg	gccccaaaaag	nggggnetnna	780
canaaaccan	cnggggancn	ntaaaaaanct	atnanccegn	gggnaaaagg	ngngaancec	840
cggaannnc	aaaanntncc	cttgg				865

<210> 4312
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4312	
ttcncctttcc	60
tcnctctcnc	120
ttttnenctn	180
nencannccg	240
nggtgncgcc	300
tgccctccgc	360
tgnetgcacc	420
tgccgntgct	480
tcctggccnc	540
tcnnnctncc	600
cnnccccccc	660
centnccctc	720
ctcennenen	780
nntnennnen	840
cnnccctct	900
cnnccccnc	940

<210> 4313
 <211> 1051
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1051)
 <223> n = A,T,C or G

<400> 4313	
cannnccncc	60
ncgnacaacn	120
cgaattcggc	180
gcccggccgc	240
cggaccatcg	300
ngccaacgtg	360
gccatcgga	420
anctnaccen	480
atacacaac	540
antentnenn	600
cnnnnntcaa	660
cnetcaacat	720

nentntntntn	aantgcctan	aaancacnnc	cncncaacta	anntcnacat	anacgcanna	780
natatatcga	acaaancata	acgncacnna	naananattn	cnngngnaac	tacctannat	840
antanaaaca	ccnannacca	accnaactcg	nccacnngcn	ctcnctncnn	nnngcgntcn	900
cncacacgtc	ngcnanccac	tntcttnccn	nnccnncgct	natcncccg	tccatnatan	960
naccacaaen	nnntcataac	annntcgccn	anancgacac	ctnatctcgn	cncgnganag	1020
annactctaa	gncacanata	tntgttnacc	c			1051

<210> 4314

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4314

gatgctggnt	ncnnatgctt	gnngatccct	cgattcgaat	tcggcacgag	gaaatgtgta	60
tttcagtgc	aatttcgtgg	tctttttaga	ggtatatcc	aaaatttcct	tgtattttta	120
ggttatgcaa	ctaataaaaa	ctaccttaca	ttaattaatt	acagttttct	acacatggta	180
atacaggata	tgctactgat	ttaggaagtt	tttaagttca	tggtattctc	ttgattccaa	240
caaagtttga	ttttctcttg	tattacattt	tttatttttc	aaattggatg	ataatttctt	300
ggaaacattt	tttatgtttt	agtaaacagt	atttttttgn	tgtttcaaac	tgaagtttac	360
tgagagatcc	atcaaattga	acaatctgtt	gtaattttaa	attttggcca	cttttttcag	420
attttacatc	attcttgctg	aacttcaact	tgaaattgtt	ttttnttttc	tttttggatg	480
tgaaggtgaa	cattcctgat	ttttgctgat	gtgaaaaagc	cttgggtatt	tacattttga	540
aaattcaaag	aagcttaata	taaaagggtg	cattctctca	ggaaaaagcc	atcttcttgn	600
atatgtcnta	aatgtatttt	tgncctcata	taccggaaaag	ttcttaattg	gattttacca	660
gctgnaatgc	tttganggtt	ttaaaaataa	taacattttt	aataattttt	taaaaggaca	720
aactttcata	atnatcccgg	ngntcctttt	ccnnn			755

<210> 4315

<211> 811

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(811)

<223> n = A,T,C or G

<400> 4315

tnnnaatcnc	nnnaagcctt	tgtnnaaccc	ctttgctact	ngcncttttt	gcaggatccc	60
atcgcttcna	attcggcacg	aggttatncc	agtatctgnc	ancagaatgg	cattgtgccc	120
atcgaggagc	ctgagatcct	ccctgatggg	gaccatgact	tgaagcgctg	ncagtatgtg	180
accgataaag	gtgctggctg	ctgtctacan	ggctctgagt	gaccaccaca	tctacctgna	240
aggcaccttg	ctgaagccca	acatggtnac	cccaggccat	gcttgcactc	anaagttttc	300
tcatgangag	attgccatgg	cgaccgtcac	ancgctgcnc	cgcacagngc	cccccgctgt	360
cactgggatc	accttcctgt	ctggaggcca	nactgacgag	gangcttaca	tcaacctaaa	420
tgccattaac	aagtgccecn	tgctgaancc	ntgnnccctg	accttcttct	actgncgagc	480
nctgcangcc	tctgcnctga	acgcctgnng	cggnaataag	gagaacctga	agctgctcac	540
gaagaatntg	tcaagcgaac	cctgncnaac	agccntgcct	ggcaaggaaa	gtncacttnc	600
gagccgggta	ggctagggct	tgctgcaacc	gaagtccctt	ctttggtnnt	ctaaccatcg	660
ccttttttaa	nnccggaagg	tgtttcccca	aggattgccc	cccaanaact	tnnaagncc	720
ttggccccaa	tttccnantt	tttgaaanaa	ggnaggnccg	ccntncttta	nngggcttcc	780

aaaccttggg cttaganccc nggctttttt t

811

<210> 4316
 <211> 942
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(942)
 <223> n = A,T,C or G

<400> 4316

gnagecgtnnn	cctttggaac	ccnttgctac	ttgc	tttt	tgcagggatc	ccatcgattc	60
gaatnecggcg	cgngnctggg	cntaggecgn	gnnnatncca	aggecatatn	acatnngatn		120
ntncanaaga	gncatataat	cnagnnngta	aattcacatt	gtgctgctca	catggatnga		180
acatacaaat	tgatgggtat	aaacctggat	gtcaccatg	actccaaagn	nctnggtgnt		240
aaccatggnt	atagnngnag	ntcnnanngg	actnnatag	gataccgagg	ctctccagaa		300
caagctccan	gaantgatca	ctgngctanc	ngnggctatg	acagctgtaa	ngcncgaaca		360
ggaatacntg	gaagtcggg	tnanaatata	ctnagccatc	ancgactgca	catacagcat		420
agtggtnctt	gtggctcttc	ttngaattctc	tngttctagn	caccatgaca	ttngnacaga		480
tntactactt	gaagagattt	tttnaagtcc	ccagagntgc	ttaganaaag	tcnactnctg		540
angatccnac	ctnaagaatt	naatgntnac	caaacacnt	gntcntaata	atggnccata		600
gtttctctgc	atgntttatg	gttctnggac	ttgtaccatt	tcacatcgta	atggtgnnca		660
ntngagaat	taatcncatt	aattgggggn	gggaaanaac	ggcctttttt	anggcnaaat		720
tnaattaggc	cnaaaaaattt	ttcccagttt	aatttgggnc	nttaaaccct	tngtntttna		780
aancttgncc	tnccattntt	gttanagtgc	cntntcaaaa	tactttanac	cctctttntt		840
caanttnnan	natttttnng	anttancnnc	atnccaanca	attntttnc	nttnennntt		900
nacnnttttc	ccttggaatt	ntcctgcacn	tcancntncn	ct			942

<210> 4317
 <211> 891
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(891)
 <223> n = A,T,C or G

<400> 4317

annatecttc	tgangttngt	ctngctcttt	ctgcaggatc	cctcgattcg	tnagtgtctg	60
nntgncaggn	ccctcaaaga	ttcctnggnc	ttttcccatg	tgnttgaaga	agaantcnat	120
ngncnntcat	tgaatcaaac	tggaaaacct	gctggcctgc	tgctgacgac	tctgnggcta	180
ncaaggtnt	anactcnnaa	aacatgangg	tngtnaganc	ctcncogaga	catnccaata	240
tctgctcttc	agtggctttg	cngnctcaga	ggcctcanag	cctgctgtca	tgtggacctg	300
gatatgcagg	tgatgctgng	gactcttcaa	aaagcccnac	cactctgnga	ttacgaatnt	360
acangacaga	tganaacaga	acatgatgna	aagcccaaca	tnaccnntan	agcncctaaa	420
ccctgnccta	gnncattcna	tcnanggggn	ttcntntngc	tatatggta	gttgcnnngc	480
ngacnatggt	aaanggacna	atnattcggg	tgatgggact	gnantgtgan	cnggnnctng	540
naattanggg	gccanncttc	taggggngtc	ccnncnctg	cctntcnntc	canaaatgen	600
tanacgctgc	ttntacctgg	gaagngnatg	gatngnnaaa	gaaacncnt	nnnttggngn	660
ctttgccaca	cnnnnggggn	aaacttttga	gncannaaaa	naccnncnta	taaccannnt	720
tnccntccnc	taaaaacttg	ttacnncnaa	cntatnggca	ataggnaaaa	acccttttac	780
agggnaaccgn	aaaacctttg	gcaacnccan	aanntntgnc	gttnggggaa	aaaantacct	840
ttggcccgnt	ttttttacag	nttngacnca	aaaantttta	agggaancc	c	891

<210> 4318
 <211> 770
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (770)
 <223> n = A,T,C or G

<400> 4318

ntcnnncttt	aancccntat	ccttctcnaa	accttttgaa	cgcnncntnt	ctncaggaan	60
cctcgctnna	gatnctcacc	tcttnnnngt	ctngnntngt	ctgcctacat	tcccacagca	120
gacaagggtg	anaatccatn	gctgnaatct	tggtattgat	gagttncagt	gatggaacat	180
gtgcttggcc	acaggcaggt	ccagtcactg	caaaagtgac	caanccanca	ggtcacccctt	240
aacttcagaa	acaattattg	gtggtgaact	gtacttaaat	tgcagagaaa	cctgtaagta	300
atggaaggtn	aanaaaaaatt	acanaatgga	aaatnatatt	ttgggcaagc	aaacanattc	360
actgagaatt	ccaaaaagtat	attaaaaaag	aagatagcta	tgagttcaga	tctatcttat	420
tggtctttaa	tattacaacc	aatccttaac	tttccactat	aaangaagga	ttactanatt	480
gattactttc	tgggtagata	atctggtaat	aaatgatagg	gaaatcaaaa	attactttta	540
tttaggagtt	ngaattctta	ctctcatcag	acattttttt	tctangggac	ncttactaat	600
taaatgaatt	taaagttggt	ccttangng	tcnttngccc	ntantatat	tatnactgng	660
ttaatganta	ntggaattnt	gccggaanga	cagnttcang	aagaggaant	cncgaancct	720
gataatctat	gggttagaaa	gcntccctgn	atatchnaaaa	ttgccanttt		770

<210> 4319
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (765)
 <223> n = A,T,C or G

<400> 4319

tgttttaatn	ctngtcaa	ccttggctac	tcgntctttt	ngnanncgna	ttcngnncgg	60
ntcccacn	ttcgctggg	tgggcagtn	tttgaaaatg	ggctcaacca	gaaaagccca	120
agttcatgca	gctgtggcag	agttacagtt	ctgtgggttc	atggttagtta	ccttatagtt	180
actgtgta	tagtgccact	taatgtatgt	tacaaaaaat	aaatatact	accccagact	240
agatgtagta	ttttttgtat	aattggattt	cctaatactg	tcacccctca	agaaagtgt	300
ttggttttt	aaaaaagaaa	gtgtatttgg	aaataaagtc	agatggaaaa	ttcatttttt	360
aaattcccgt	tttgtcactt	tttctgataa	aagatggcca	tattaccctt	tttcggcccc	420
atgtatctca	gtaccccatg	gagctgggct	aagtaaatag	gaattgggtt	cacgcctgag	480
gcaattagac	actttggaag	atggcataac	ctgtctcacc	tggacttaag	cgtctggctc	540
taattcacag	tgctcttttc	tnctcactgt	atccaggttc	ccttccagag	gagccaccag	600
ttctcatggg	tggcactcag	tctctttctc	tncagctgga	cttaaaactt	ttttctggac	660
cagttaattt	ttncactac	taatngaata	aaggcagttt	ctaaaaaaaa	aaaaaaaaaa	720
ctcgaacctt	tanactatat	gagtcgttta	cgtagatcng	actga		765

<210> 4320
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(744)
 <223> n = A,T,C or G

<400> 4320

gtncnnttt	gaatncncat	acaagctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcttatctg	tacgagatnc	attccnagac	ccctagtggg	tgctgaaac	120
ctcagatngn	actgaaccct	ttatgaacta	tgttttttca	gtctgacaac	caaggcggt	180
actaagtgac	taaggggcag	gtagtatata	gtgtggataa	gcaggacaaa	ggggtgattc	240
acatcccagc	ctngngaaca	gagcaagact	ctgtctcaaa	aaaaaaaaaa	aaagtctcan	300
taacctatgg	gataatatac	taacaaacag	ctgtgtaact	ggaatnccat	aaagcantgg	360
tggacanagc	agaaaaatat	ttgaagaaat	aaagactaaa	attatgtcca	ntttgatgaa	420
aattatnctc	tgacagatct	aagantttna	gcaaacccta	atcaagatag	tctctctctc	480
cctctcacat	gcacgcacac	gcaccgaagt	tnagccataa	tcaaactact	aaaaaccant	540
aataaaaanga	ataatcttaa	aatgtngcca	gagaaaaaan	gacacgttac	aaacagaaga	600
acanggggta	gaaaactgaa	actttcetta	naaactacat	acgcagaaga	caacaaattt	660
gcttaaatg	tgaaaaatcc	cctcacacta	gagagaggct	ttggtggtag	catggctnag	720
taggtgcaca	agacgtgccc	tect				744

<210> 4321
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4321

gnttgnngtn	taantttnta	aggatccctt	tntntgaanc	cctttctgca	ggatcccatc	60
gattcgaatt	cggcacgagg	caggagnaat	cacttgaacc	ctggagggttn	cggttgacgt	120
gagcacagat	catgccactg	cactccagcc	tgggcaacaa	aacgagactt	cgtctcaaaa	180
aaaaaaaaaca	tagaatttgg	atccttttgg	cgggttctcc	caaatctctt	tgagggtgtcc	240
atgggtcaact	gcttcagctt	tgttttggca	acccctgccc	cgaagtcgca	tataggetgt	300
tcttcacctt	gtttccaagg	ctgaggaaca	gaaagtagcc	tctgttttga	ggagggtggaa	360
gttaagtata	catttatctt	ttactgtgac	ttgttcagga	ccacatttta	caaaatgcct	420
tgtttctctc	attgtttctg	gaaaggaaaag	ttctattaat	attgntttac	tttgaatata	480
gaatagtttt	tttaattagg	gcttatcttg	aaaaattctg	agtttaattc	aaatgtatgc	540
caataccttc	caaagtaagg	taatattcag	agacagttgt	tggtgatcag	atggccttaga	600
gaaaatttct	ggaatattca	cattcgaaga	tccttattat	gaatgtcttt	gacttaaate	660
taaccaaaaa	ctgcacatta	ttctttgnac	attttcatta	tatagngtta	acaagcttan	720
ttgcaaacca	ataaatactt	aagctattta	aaaaaaaaaa	aaaaaaactc	nc	772

<210> 4322
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4322

tnnctttnac	tntntaate	ctttntgang	ccctntgca	ggatcccatc	gattcgcgtc	60
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tgtaatccca gctgcttggg aggctgaggc angagaatca cttgaaccct ggaggtggcg      120
gttgcaagtga gcacagatca tgccactgca ctccagcctg ggcaacaaaa cgagacttcg      180
tctcaaaaaa aaaaaacata naatttggat ccttttggtcn gggtctccca aattcttttg      240
agggtgtccat ggtcaactgc ttcagetttg ntttggcaac ccnctgccccg aantcccata      300
taggctgnnc ttacettgt ttccaangct gaggaacaga aagtancctc tgtttngagg      360
agggtggaant taagtataca ttatctctnt actgcgactt gntcangacc acattttaca      420
aaatgcctng ttcccttcat ngcttctgna aaggaaagtn ctattantat nggtttactn      480
agaatataga ntactttttt tnattntggc ttattttnaa aaattctgag tttaattcaa      540
atgtntgcca ataccttnca aagtaaggta atntcataga cantngttgt natcacatgg      600
cnttacanaa antnctggat attcaenttc taaanattcc ctattaaatg aatgtctttg      660
acttaaantnt accaaaactg cncatattct cgtacatttc gtaaantngtg nacaagctan      720
ttgcaacaaa taaatacanta actaaaana                                     749

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<210> 4323

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (773)

<223> n = A,T,C or G

<400> 4323

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nttnngtttt tantttntnn aancctttgt taentgcnet ttctgcagga tcccatcgat      60
tcgccagccc ctctctccc cgccttctgg gaggaggagg tcacncgctg atgggcactg      120
gagaggccag aagagactca naggagcggg ctgccttccg cctggggctc cctgtgacct      180
ctcagtcctc tggcccggcc agccaccgtc cccagcacc cagcatgcaa ttgcctgtcc      240
ccccgggcca gcctccccc cttgatgttt gtgttttgtt tggggggata tttttcataa      300
ttatttaaaa gacaggccgg gcgcggtggc tcacgtctgt aatcccagca ctttgggagg      360
ctgaggcggg cggatcacct gangttggga gttcaagacc agcctggcca acatggggaa      420
accccgctct tactaaaaat acaaaaaatt agcccggtg tgggtggcgcg tgcctataat      480
cccagctact cgggaggctg aggcaggaga atcgcttgaa cccgggagggt ggggggttgcg      540
gtgagccaa atcgccaccat tgcacttcag cctgggcaac aagagcgaaa ctctgtctca      600
aaataaatta aaaaataaaa gacagaagca aggggtgcct aaaatctaga cttgggggtcc      660
acaccgggca ncgggggttgc aacccaacaa cctggtaggc tncatttctt tccaagcccg      720
aacagaaggt catgccggcc ccacangaaa ancnggcagg gccncggggg gct                                     773

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<210> 4324

<211> 916

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (916)

<223> n = A,T,C or G

<400> 4324

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acngacnagg agannctgnc ggnentgtgn tggaanctnn ntttggaccn cncctttncc      120
ngtgccttgt gaactcagag cacgggcnnt ttggaccnac tcaaggccan tcatggcatg      180
gtcatnccct gaggcacgna nnganactac attencaggn gcccttcnaa acaatggacc      240
ncnatgcngg catactgngc ctgcgaccen aaanacnna ngnntgtact gaatatcaag      300
atnacttag antctaagag agnntggncn nnnaactgat cancanggcc ttccangggg      360
cancannag acactgcgag tnacagagac ngccatgggc gntgctncc tcnagnngn      420

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cacaggccnn	accntcatgn	aaccetaang	ctgtncnnat	gtactccgaa	tggcctttna	480
nncgnaacngg	cctcetaagt	atgcnncccg	gtntcanatg	nnnccgtaca	atatctcang	540
ggacatgggg	antnatnnnc	ancennaacc	tttnanaaaa	ggcggcntta	centtacnnn	600
aaaaggatgg	cttnnnngcta	atcaaaaanc	ntgtaaaacc	tnggcnatta	taaacccaag	660
acccgggaca	aanctngggg	taccnngtcc	aattnaaaact	ggcctnccnn	tcttggtcnc	720
ccaaccaaag	tnaaacctan	ttngcagngg	gttataccgg	nanncnaatt	ggntncaacc	780
ccaacttngg	gaaaataatt	tttncnaaat	gcntcnatcn	aaccctgnct	tttnnanaaa	840
aacccaggct	ttttnnctng	gggaaccttn	aanccggggan	ttggccttnn	caaaaccacn	900
tncnccttta	ggtnnn					916

<210> 4325

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (757)

<223> n = A,T,C or G

<400> 4325

enttnnttna	tgacccttgt	tacttgcctc	ttttgcagga	tcccatcgat	tcgaattcgg	60
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ccttattggg	tagagataca	tcattactgg	cctcaggggt	ttacccaaag	aaaggggtatt	180
tttgagcaaa	taatgtgatt	tcctggctat	tttggttggg	gcttaagatt	tttttttttc	240
aaatgcattt	ttagtcacta	aaaattaact	gtcgtaccat	ctagaactat	actgtccagt	300
accatagcct	ctagccgtat	gtagctattt	gtattaagat	taattgaaat	tttaaattcca	360
gttccctcagt	cacactagcc	acttttctaag	tgctcagtag	ctctgtgtga	ccagcggcta	420
ctgtattgga	tattatagaa	ggttctttca	ttcaagatca	tcattcttga	cagaccata	480
aatatttccct	ataaagactg	tagaagtgtg	ttctggaggg	tttgcctctcc	aaaaagaatt	540
gtaatataga	gtagaattgg	gatagagtat	tgaagacact	gggtttagac	attggatatt	600
ttaatgattg	tgtgtctaatt	tcattggtgct	gncaactgag	ttatctagt	atatgacctc	660
actgtcttga	ccaaagccag	aatngaaggc	aggattcctg	aatctatctt	aaaattgcaa	720
tggaanagcc	ttttccctaa	attatccatt	tgtaatt			757

<210> 4326

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4326

ntnnnttctn	aatccttgtt	cncgcctttc	tgcaggatcc	catcgattcg	gagaggagca	60
ggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	ccacccttct	ctttccagga	120
cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	taaagaaatg	tacttccgga	180
gggtattata	gatatgatga	tatgttagtg	gtaccatta	ttgagaatac	acctgaggag	240
aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	accagactc	ctgtgcagta	300
ctggctcagac	gtcatggagt	atatgtgtgg	ggggaaacat	gggagaaggc	caaaaccatg	360
tgtgagtgtt	atgactattt	atttgatatt	gccgtatcaa	tgaagaaagt	aggacttgat	420
ccttcacagc	ttccagttgg	agaaaatgga	attgnctaag	ccaaaagaaa	gtctaattat	480
atacagagat	aaagctaaac	gtaattatta	tttaaatgaa	agctattttt	ttaaatgaat	540
ngaaattttt	catgatgcta	ctaatttgnc	actaaatctg	caaatggtca	cctgaattt	600

cttctgacat	tgggtgntatt	tgcttatatt	ccttataaatt	ttaaatagaag	gcacagtgaa	660
atgaaaattt	tatactctat	gnntctggna	attntntaaat	ccttaacagc	caaatttttt	720
gcctttaatt	cttttanata	tatactctcg	agaaatcn			758

<210> 4327
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4327						
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agttgcttct	tttacctcag	aaaaccagtc	aatcatatgg	agacttcttt	tgtgatgaaa	180
aagggcttta	gaagttaaat	acatgcatgc	acatgaaaac	atgcacaacc	acagcctcaa	240
tcttgatatt	agtttgggga	aagagaagag	aatttcctgt	ggattatatt	ttcctcaagt	300
gcacctctct	ggttaaccca	aactctgcaa	gaaagcactg	tgactaaaac	atacataacg	360
cctgcataaa	tattccatgg	tttcagttaa	atttcagttt	ttagccttta	cacatgaggt	420
caaaggagtg	acgaaaatac	aaagcaagga	aaaaatgaaa	tatctgggtt	ttgctgaatg	480
cttaatttat	tttttactgt	gccactccaa	tatttatcaa	atccaaatag	catgaatgct	540
tctctgtagt	aatactaatt	ttgtgccttt	tgtctgcttt	cttaagacca	gttggttcaca	600
ctttgtagat	attaacaaat	atatttccga	ttggaataca	aaaaaaaaaa	aaaaaaaaact	660
cgagcctnta	gactatagtg	agtcgtatta	cctggtatccn	gaccatgata	agatccattg	720
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<210> 4328
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4328						
ngtanantan	naacntgggt	ntcgctcttt	ctgcaggatc	cctcgattcg	aattcggcac	60
gagccaagga	gttttccacc	cgtctctcat	ggtcacagcg	ctagtcattc	atttttgaga	120
agttgcttct	tttacctcag	aaaaccagtc	aatcatatgg	agacttcttt	tgtgatgaaa	180
aagggcttta	gaagttaaat	acatgcatgc	acatgaaaac	atgcacaacc	acagcctcaa	240
tcttgatatt	agtttgggga	aagagaagag	aatttcctgt	ggattatatt	ttcctcaagt	300
gcacctctct	ggttaaccca	aactctgcaa	gaaagcactg	tgactaaaac	atacataacg	360
cctgcataaa	tattccatgg	tttcagttaa	atttcagttt	ttagccttta	cacatgaggt	420
caaaggagtg	acgaaaatac	aaagcaagga	aaaaatgaaa	tatctgggtt	ttgctgaatg	480
cttaatttat	tttttactgt	gccactccaa	tatttatcaa	atccaaatag	catgaatgct	540
tctctgtagt	aatactaatt	ttgtgccttt	tgtctgcttt	cttaagacca	gttggttcaca	600
ctttgtagat	attaacaaat	atatttccga	ttggaataca	aaaaaaaaaa	aaaaaaaaact	660
cgagcctnta	gactatagtg	agtcgtatta	cctggtatccn	gaccatgata	agatccattg	720
atgagtttgg	acaaccacac	tngatgcagg	aaaaaat			757

<210> 4329
 <211> 746

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (746)
<223> n = A,T,C or G

<400> 4329
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 agctcagctc ttcttggtct tggctagact gcctagattc ccacagcaga caaggttgag 120
 aatccattgc tgggaatcttg gtattgatga gttacagtga tggaacatgt gcttggccac 180
 aggcaggtcc agtcactgca aaagtgacca agccagcagg tcacccttaa cttcagaaac 240
 aattattggt ggtgaactgt acttaaattg cagagaaacc tgtaagtaat ggaaggtaaa 300
 gaaaaattac agaattggaaa ataataatattt gggcaagcaa acaaattcac tgagaattcc 360
 aaaagtatat taaaaaagaa gatagctatg agttcagatc tatcttattg gtctttaata 420
 ttacaaccaa tccttaactt tccactataa aggaaggatt actagattga ttactttctg 480
 ggtagataat ctggtaataa atgataggta aatcaaaaat tacttttatt taggagtttg 540
 aattcttact ctcatcagac attttttttc tagggacgct tactaattaa atgnatttaa 600
 gttgnttcta agggtttttt gcctatatat ttatgactgn gttaatgagt antgaaatga 660
 tgcggaaggc agcttcagga agaggaatnc agaacctgaa taatctatgg gttagaaaag 720
 ctctctgaat atcaaaattg gcngtt 746

<210> 4330
<211> 967
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)... (967)
<223> n = A,T,C or G

<400> 4330
 nnnnnncann annnnnnnna ngnnnnncna ccannnnenn cnacnnagng nccccgctcc 60
 aaagccggca annccgcccgn cngcnnntc aaacctgca ngcggcacnn gnngncccn 120
 acgangcgc agcgcgcgng anacngngct gccagaaan gngngcncan agnccggcct 180
 ngagaacagn acagngganc gtcanaagca gngggangac agacgacnga ngaaacntag 240
 agcccagggg nacgnggacg acggaccagn tcccaaaggc nggngcccaa agcngacnag 300
 ntnnaggaag aaanacnggg gacacaaccg gagacanccg annaggagcn gacnganntg 360
 gacccanang gcaagaagca ccnaaacang ncacccacca nacgaccggg gaaggcacga 420
 acggtcngag cacgagnaana acngaaacna ancaacgcgc acacanngng aganagaaac 480
 accncnaaca ancnaancgn gggaanangn agaccggacn cagaagaang gcncnaagann 540
 cggcanngaa ccnnaancn gacggaannc agggncggng ccaacaagan ggcnaangcn 600
 ggncaannna nggccggcnn ggaaaaacga ccaagnngnn cnccaaaaaa gacangggcaa 660
 aagnaaccgg gcaaggggca ancncnaagg nnaagcccna naacgcgcgn nnggagcaaa 720
 angnnccaag ngaggancna aagangggga aaggggccca cnaagnnggc ggnnaannngg 780
 cgaannnaaa acanagggng ggggccacng gnaaacccaa gcgcgaaann ccnggcncna 840
 agggccccga aaacangggg ngacaaaaac ccnngccaaa accnnanggg ngggncat 900
 cnggannaca naaggngaac cgnccaaggg ggcanaaaag aaaggccatn nnaangnaaa 960
 agagccc 967

<210> 4331
<211> 824
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(824)
 <223> n = A,T,C or G

<400> 4331
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 acgaggcnac nggtgaagcn nntggtgngt gngctnctca tgaagaanct gtggcnggta 120
 tgttcaaaga canggnat atgcantaca gatatataga actcttcttg aattnaccaa 180
 cangggccgg ntaatggggc gnatgtcagn caantgatnc aactgcatgn ggggtgtctnn 240
 tgcccaggnc acttacagng gnetggaaag ccagtcannng caangngtgg ncnccagcgn 300
 ggnttcngtg ggtnaaccag gcatggngctg gntatnacgt aatcttagnn aggaacaatt 360
 tnagtnactn tntctnctnat tcnctnngnga gncctcttnc angttngtga gcatttntca 420
 ataagaaaga agnctggggg acccatttng cancattnan ttcanggaaa aatctngatt 480
 taaaaaagtt acctntgaac tgttnnntaa ngcnctnttt nnttgtagcn tgtgataatn 540
 gatgcgaact tntactatnt atcagcatgt tctnannata acnttttggg tannatcngt 600
 ttagnantga ttcnttcatn agcctaagaa aacttaagnn nnggcaaaat gccggatcat 660
 tgtcacaggc acgttcacna attnancnc nctcggtgac aacntttctt gntttttngg 720
 aaanaaattc cacaggngct agnctannca tngnttctn ggaaatttan ctntaatggt 780
 ttcggtanaa ntcccgttg ngnggtttna attaaaaaa nccg 824

<210> 4332
 <211> 830
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(830)
 <223> n = A,T,C or G

<400> 4332
 gettnancc tttccatttc caatnntttg gctctcnctn aaaccctttg gancctctg 60
 attcgaatnc ggcacgagg ctaacttgcc ttgttnnact atngatgtn gngtctggn 120
 ttcttaacac tttaagcagc tgntctcacc taaaggctaa tagttntaag taagtatctn 180
 tttcttttta taatttaaaa attaaaaaat ttttaattaa ctgtttttta attaaaaaaa 240
 attattaatn atttntaata gacaggatct ngctatgctg nccaggctgg tcttgaactc 300
 ctgggtctca gtgatectcc tgccttggcc tcccaaagtg ctggtattac aggtgtgagt 360
 cactgcacct ggccaagttn natncttcag gntacattnc ttcagccact tcaatcaaac 420
 atnnaattaa catgctataa tgaatgacta tnttaacta ggctaacca atgaaggcct 480
 ttggnaactt acctntagtt acancttca cttctttttt tttgngaagg gaaantnnng 540
 ggnnccggaca atactcctng nantnaacta tngtaacct ttnctngac tngaattaac 600
 nngggaaatt nggggaaant aattgnagaa ntgaacnngc ttgaatcnaa nannantcaa 660
 tanacntaa tagncaantc ntnttaannc cccnaatcnn ttagnctnt ccaatttggc 720
 cnanaagnta anancnccc cnggcctttt ngcccacac nnnaaattcg nnatnaaaaa 780
 tnaaacccct ngcctttaaa ngggmacctt tnacacgaan gggggaaann 830

<210> 4333
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4333

gnnnnnnnttt	nnnnnnnttt	ccnannngnn	nnnttcaaat	tttcenaatc	gctngncttt	60
ttgcaggatc	ccatcgattc	gcaccgctat	cagaaaaata	tccgtgtcat	ggttttatact	120
gaatttgcaa	actactgata	tgattttttca	ataaccactt	gtatcttcca	tcattccatga	180
gaggtgggaa	gaggtacact	gtatctctgc	aataaaactt	tggccagggt	ctacctctc	240
tgagcaaagg	atacttttct	atgtagggtg	agatggttct	cctttactaa	tctgacatgg	300
tgcactctga	gacaacatct	gatgggatcc	aaagacaact	tgaaacaaag	gtggatgtca	360
gctcttggtg	tgttttcatt	tggttctctt	ttttaaatct	cccttttggt	atcgctcctg	420
ttgtagcgtg	tccatcagtg	tgtgaagggt	gcgcctctgt	ccaatgatac	tgcattgctg	480
catccagcct	ttcgtgggag	cacggtacca	agcgtccgga	attgattatc	ccaatcattt	540
ttgatatgta	actgaaaaat	ttggtctcat	gcaataaaaa	tgtactggct	gcatttttagc	600
aagggtttatt	tactcttgca	agtaaaaaacg	atcaaccgtg	aagcgttaaca	aattctgtat	660
ttagtttttt	ttctgttggtg	gtgggtttttg	ttttggtttt	tggtttgtaa	gattctaaat	720
aaattaaatc	gantnaaaaa	aaaaaaaaaaa	aactcgagcc	tttanaacta	tn	772

<210> 4334

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4334

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cacgagactt	aaacatgtca	cctaaatgca	cttgatgggtg	ttgaaatgtc	caccttctta	120
aatttttaag	atgaacttag	ttctaaagaa	gataacaggc	caatcctgaa	ggtactccct	180
gtttgctgca	gaatgtcaga	tattttggat	gttgcataag	agtcctatct	gccccagtta	240
attcaacttt	tgtctgctg	ttttgtggac	tggttggtct	tgtagaact	ctgtccaaaa	300
agtgcattga	atataacttg	taaagcttcc	cacaattgac	aataatatg	catgtgttta	360
aaccaaatcc	agaaagctta	aacaatagag	ctgcataata	gtatttatta	aagaatcaca	420
actgtaaaca	tgagaataac	ttaaggattc	tagtttagtt	ttttgtaatt	gcaaattata	480
ttntgctgc	tgatatatta	gaataatttt	ttaatgtcat	cttgaaatan	aaatatgtat	540
tttaagcact	cacgcaaagg	taaatgcaca	cgttttaaat	gtgtgtgttg	ctaacttttc	600
catangaatt	gtnaacattg	actgacaaat	tacctataat	ggatntgggt	aatgacttat	660
gagcaactgg	nttggccaga	cagtataccc	aaacttttat	ataatatcag	aagntatcac	720
cttgtagaaa						729

<210> 4335

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4335

tcggcctttc	aaatnccttt	tctatttcna	atncttggtc	actttcactt	tccgcannga	60
tcctntcgt	aaaggcagcc	cccaagtcce	agaaagctga	ctcccctagc	atcgactacg	120
cagagctgct	gcngcacttt	gagaagggtc	agacaagcac	ctggaagtgc	ggcaccagcg	180
gagcgggct	ggggaccacc	tggaccggag	gggtgtctctn	tgacangcct	ggcaccggag	240
agggcccacc	gagtggaccn	tnaancacta	cnggtctnta	aacacntncc	atgagggcat	300

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atctactaac ttaggcccac ggtcagatat gatnatctgc aaacccatct tgaccttgag 360
tatgtgaagg ggtactgtac tttattcctg atacatcttg gtttccatgt aggtgttgag 420
ctcctgggtt tctgtgtttg gatgatgaag atttggaccc ttccattcat aatccctttc 480
taagtgaaac ggagaggctg gcttggctgt tccttggtat tccgaaagcc ctgggttggg 540
gcccattgtc acactggctc tcagtctagt caggtgcaat gttcttgaan angtgggggac 600
ctaattatta ccanagtagc ancaagagag gaaacggtgt gaattaaagt attcaattaa 660
aaaggaaaca tgatttctac ctgaaaaaaa aaatggctgc nancggataa tngtntgncc 720
cntgnttttn anccggagnc cnnnnaccat 750

```

<210> 4336

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (991)

<223> n = A,T,C or G

<400> 4336

```

ggggncattt tgcnaaantc cccgengttt ttcccengtn nttgccnaaa aanagncccn 60
tttgggggcn ccccentntt ttgcaaaaa natecnccc taggggccta acctatgggc 120
tgcnnntatan gngggncagg gggagaancc ccgcnaaang cgnaangan ggangnaaan 180
naacgggggc acacacgcnc nagngggcag ngncnncnan ggggnagann ngncaggga 240
ncagnggggn nngnnentnc cgancanana cngggngggg agaannncna gagggnaagn 300
ncaccncncg anaagnnga nagggnggna ncntgnanna cgacnanact ngngngngca 360
anccgnaann gagacganga nanaggngtn cnangggcga aagnagnant acncgcncnn 420
nngatacagn aaaaaggann naaannnacn gcnanganag agngananac nacaantnt 480
ggaggaagag acggaanacn gggagaggaa gggntnagna annaaaggca aggattaacc 540
tnacagaaat gaanaanccc nanncacngg ngncntctgc aagngaacca cttnaagcca 600
angtnaagca gntgcagctt gatagcctgc taccactgag agggactcag aagagtgtac 660
tncattgcaa tacttaaaca gcgccatctt gctgtggaag cctacagaaa actgnggatg 720
aacacaagaa aacgatggaa ttactgcaga gtgatatgaa tcagcacttc ntgaaggaga 780
ctcctgggaa gcaaccagan cattccggca ccttcagnca catcagnact tggcaataaa 840
acccacagng agaattggaa aacagatggg gnganagaac tggccctctg gaaaagacag 900
cttnggacaa ggtcaccaac ngaccagatc cnggnaaaaa atccaaggca taaaggaaag 960
aagannggtc caaatctcag gggatccaac c 991

```

<210> 4337

<211> 1188

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1188)

<223> n = A,T,C or G

<400> 4337

```

ccttaaaaaa ttggggccct ttggggccct tacttcnggg tagaatnctt tttntttggn 60
ccaggggaaa tcccccant tccgcnaana aancgggaaa atttgtgccg ggggccaaacc 120
ggaagggaaa cnttcttggg ggnccaccca aagggccccc agggnaaggt ttccaaattt 180
ngggntttcc ctttttttnc naaagggccn aaggtttccn attttttccc aatttaattc 240
ccaaagggcc ngntnnatnn tgnctangtn cgnnnnnncn atntntnnan ngngggcggn 300
anattnnntc ntntntntnn tgctntcenn nntnnnnnt nntaannctt tattnatntn 360
ntatncagcc ncnntanan nnantnctnn naatntntnt tntnttactc nncnnattnn 420

```

```

ntngtngtgn nctnctntta nntcatcata cnnatatcat ntaaanaang cntnnactnc 480
ntatnatecn ttngcatctt cantgttttn ttntctcanct ncttgctcn nntntacant 540
accantnntt aagctctttt tacnatgnaa tactcannaa gagntngagg ttggctgnan 600
tttanccttn taaantcntt gtcenntggg ctentgaact ttttnnannt tgggtggcct 660
ttnactttta ctntnnatna natggganntn cgntnnaate tntnttcata naatttttgt 720
acnnntaanc gttgatntta gnanaaacta cnaggnacct nnttttcant aggnntttat 780
tccnttttn aaccnttnnt ttgatatntt cttaactatn ngcananent tacntnancn 840
tntcnntttg nntaaaatgn gnatnggnnn acnnenatan gacctnnag ctcenncatt 900
ttccttnaan anagncant tcnantatto tattnnaate aatnntatca ntcgngcttg 960
ctcttttnan cnnancatan gatntncang gtatntntan gccnanntnc naactantnt 1020
gcactcnact atencancgn taataagacn tatanaangn tcntnnnatn naaccntttg 1080
nctnacantn atnttgtaga tannttcttc ncnanannn nagnntnann ttatnatntt 1140
ncatatcann cnatanactn taataagtac tntataaant tncgnnec 1188

```

<210> 4338
 <211> 941
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (941)
 <223> n = A,T,C or G

```

<400> 4338
gggggttttna ataccttgct ncttntnttt tatgcangat ncnntcgatt cgnatnnncn 60
gcgaagntgg cnatatgnga canggccngt tctgnatgan naatgnncat ctatntccct 120
cccaaanggg cgncccangg atatgtcttg ggatccnatt ncacccatga cgcctactnc 180
ntgetncttc ctctnntgct cnggtnttgt ncacaaatnn nnnngnancn tccnngncng 240
tccattggag atgtcgngna taaactgcnn tagatgtntn ctaacactgn tgnaaatgac 300
gagcatnctt atgagacgaa ggcntccnaa gcngtagntg cccangatnc gaggtangct 360
atgtgggtctc ttatctaate tagaaatgaa aacgccctgt nttnncagcga aanntanggn 420
acgnntgnac actngcttna acnnaancctt anatacaaca ggggaaggga aattgggggg 480
gaaaccattg acaggnctta tcanataggg nttaaatanag aggacccacc gnttgtaatn 540
aacatgnnga ttnatttggg ggaatacggg tncaanaggt nccaggttnc acttggtttt 600
tttttaacct tatggccnan tanncggttc aatttggatt ttggggganc cctttttnc 660
ttttgggaan attnggagcc cnctaattgg cngggaannc ntttgtnggn tcccccaat 720
cntaatgggg acccctntna naaaacctcn ggggggtgga nccccntct taaacccaan 780
nacgttttnn ttgggtttnc caanaaange nnaccccccg gaaaacttnc ccttttngng 840
nnaatttctn caaccccccg gggnggaatt tccctngng aaattggcaa tcccnngttt 900
naagggtgcc caaaaattcc ngntttttgg ccncaatac c 941

```

<210> 4339
 <211> 740
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (740)
 <223> n = A,T,C or G

```

<400> 4339
gngnggggnnn nnnncnatnt atacatacag gctacttgtt ctttttgcag gatcccatcg 60
attcgaattc ggcacgaggc tcctggcatg aagaagatca agttagacac tccagaggaa 120
attgcacggt ggagggaaga aagaaggaaa aactatccaa ctctggccaa tattgaaagg 180

```

aagaagaagt	taaaacttga	aaaggagaag	agaggagcag	tattgacaac	aacacaatat	240
ggcaagatga	aggggatgtc	cagacattca	caaattggcaa	agatcagaag	tcctggcaag	300
aatcacaaat	ggaaaaacga	caattctaga	cagagagcag	tcactggatc	aggcagtcac	360
ttgtgtgatt	tgaagctaga	aggtccaccg	gaggcaaatg	cagatcctct	tggtgttttg	420
ataaacagtg	attctgagtc	tgataaggag	gagaaaccac	acattctgtg	ataccaaggg	480
aagtgaacac	agccctatgc	tcactaatga	gtagctatgg	cagtctttca	gggtcagaga	540
gtgagcccg	aagaaacttc	catcaagact	tgaacagacg	ttttggcaga	aaaccaggtt	600
cttgatagca	gtgctcctaa	gagtccaagt	caagatgtta	aagccaactg	ttagaaattt	660
ttcagaacca	agagtgaaga	ccgaaagaaa	agcttttgaa	aaaccaaccc	ttaagaggaa	720
aaaaagattt	tcccactntc					740

<210> 4340

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4340

angttgga	aa	ncngnctt	tcaaatanct	aggctactcg	ttctttttgc	aggatccca	60
tcgattcg	aa	tnccggcacg	ggnccttgg	ngtnggnnat	tntncannaa	tnntnnacgg	120
acannnctt	c	gcnattatgg	tgntcttggg	tgntngggnt	tggtgggttaa	ccctacatca	180
taangcattn	a	aatgnattan	atnttgtnat	tgntgncaaa	anggaatagg	gtcnacaant	240
nctgtgngna	tnnaac	cctgn	ntcanatngc	ntttggnaat	nttctntacn	cnnntttnaa	300
ttccactgta	aatnntg	acn	gattantncc	nantggnttn	tcnttggaga	aaatnnattt	360
tncacten	cn	gtctncaent	tntatnaagc	gtattttatg	ctggcnggnc	cnccatanat	420
ctacncccc	t	tgatgcctn	tggnnanaaa	taatgttaan	tagtgcgcaa	antngntatt	480
gtnttngnga	caancnt	aaaa	tgngccatta	nnggcntacn	atgcnnttat	gccacannac	540
canncngcna	nngntttt	ga	ttanggggan	gcattccnta	aacaacceng	cncnatgaac	600
tngaactngn	ttgggaatt	n	antnngggaa	tnaanttggc	gntnatgggt	gnngggnccg	660
cctttacccc	gnccacanaa	a	attccttngn	caatttnnnn	ctttaaaagg	nccananggc	720
nttaatgggn	ttnggnaact	tntaancctt	ttttttgttt	gctntttang	gngtggccna		780
gatggcacaa	ncnncnngaa	ntntnggtgc	ntnaacctct	gnttnaannc	taantagggg		840
antgccaaat	ggntttttnc	tttngcncn	aatantnttt	ttcttgggng			890

<210> 4341

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (776)

<223> n = A,T,C or G

<400> 4341

ntgnnnnnnt	tnnccccctt	cnaatcnctt	ggctactngt	tcttttttgc	ggatcccatc	60
gattcgggag	aactgctcac	tcctttttcc	tccccataca	aactcaaagt	cccctgggcc	120
ccaattcaga	gttatgtttt	ttttggcaca	tactagaaag	gcagtgcctc	agcccttccc	180
tgaatccatg	gaggtgttct	gtttggggct	ttttagactg	ctgctgctca	gctggttgct	240
tgaactgaca	gtaggccagc	ctgttctctg	ccattcccta	gtcatcctgt	gectcaccac	300
agcttgctta	gagcaagcct	tttctcagac	cttaggcaca	gcctctctc	tttacctgat	360
caatgttaaa	tgtaagcacc	cctgatccca	ggacataaag	aaagatgccc	aattgtactt	420

ttgttctata	gcctgtgaaa	tggctagttg	atcatttttc	cacaaagaat	taggtgttaa	480
gagttttcct	tcaggcttta	cttaggagaa	tggactaagc	tgaaagggtg	acttcaccag	540
caagaagtca	actctagaaa	ttcaaggatg	ttcctttctaa	ttggttttctt	aagccatctg	600
tcangggaaat	ggtaactttt	ggnttttaatt	tttnggctta	attcccaagg	ggggtaaagc	660
ccagnaaaaa	ttngaaaaat	ggaattatct	tcctggatta	aatnagcncg	naaacctttt	720
ttcnaattct	tcaaattnnt	ttaaangggg	gtcttgcctc	tttttnaaaa	gcctnt	776

<210> 4342

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4342

ntggannnct	ttcccccttc	taatncttgg	ctactngttc	tttntgcagg	atcccatcga	60
ttcgaattcg	gcacgagcct	tcacgggtta	tttcacagat	atggagagct	ggaagcaggg	120
agtgagtcct	tgagtgttgg	aattgtaagg	gacagaagc	agggatcaga	agcagtggtg	180
aagttcatcc	accataaaac	acacaggtga	ctttgccttg	aatctgcagg	actgaagcca	240
actcttgggc	acagaccctt	agtcccttcc	ttggccactc	taagtcagat	agtccagagc	300
caggcccttn	gggatgtgac	accgagataa	atcagagaaa	agctgtgaag	cttggggaac	360
agagggactt	ttggtgaagt	aggtggtctg	cagtttctat	cttcttggga	aaagcaagct	420
ggaaaagtga	acagtgggtg	gtaggccata	gtgctcccag	ctgggtgaca	taatgaccac	480
acagcacaag	tgatgttatt	agcaactgtg	tggtgggagt	aggttgtngg	cttggacaaa	540
atcaatccgn	gtgggaaaat	tgtaggaag	ttttattaca	tttaaacttg	gntaacctaa	600
aatcccntca	aaanaaaann	antctnngcc	aaanttaagg	gtntnnnaat	naaaaaaact	660
ttngnnctt	taaaacttnt	cgngngccnt	nttaacgtta	aatcccgnc	tngntacgaa	720
tcctnttggt	gaattttngc	caaaccact	tt			752

<210> 4343

<211> 1069

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1069)

<223> n = A,T,C or G

<400> 4343

gcncaannac	anganannnn	nnnnaanaaa	caaccnnaaa	nnannngnac	cnannannna	60
nnngannngn	gnancagnag	gnnangngtn	anccgcnnng	aaaccctgcg	acccacganc	120
ggnggaaccg	gcnnaggccg	gacaccnngg	cngnggncac	gcggnacagn	aggccacggg	180
gagcagaaca	cngnanacgg	cnnngaaacc	nncccaccan	canagagaga	nnngaagtga	240
cagcacannt	gganaagncn	aagaccana	ngacgcagaa	aacaanggga	cangaggcga	300
angcanangn	ggaaaaanan	agcggaagaa	caganacgga	gacaagnac	caccgnnang	360
ncagaggcca	ncganaccnn	ggnnngccng	ancaanagac	aaacnccgac	ncannanang	420
cggccnggan	nanncngagg	angcaaaaga	gagaaangaa	gccagggaag	ganacnngnc	480
atncnnnccn	ncnnacgaan	ggaaacgagn	aanncagcan	ggcngggac	aacgacacng	540
gaagcaannn	ncgnanggaa	cngaaacnan	ccgaagaann	ggancgggng	nnaatcaaaa	600
gnggaaccnn	ncgaangncc	ancncancaa	gggcnnncca	angngccann	aannngncna	660
aaaagcgcgc	nccaagaggg	ncgacganga	cgnaacnaga	gnccgacggg	nagncgaaga	720
ccaaancagn	nnccaangaa	ngcagaanng	gagcnaagcc	cnngaannng	anaaaaaang	780

```

ggcncgggnc ncacnacgaa gccccanaa ggggggaaana acgnagaggg gnaacagagc 840
ccnannnnnn gcgngngana ngacacagga nnacaaangn gaaaagggan ccacancann 900
gnaaaccccg gcaaggggaa acncccaann gcaaagaaga aagaacagag cagcgaagc 960
agaaangnaa caganaacaa gggaacnaaa gagcgngaca cagnancnaa nggcaacnan 1020
nngnaggcna cccacgncan ngnnangccn nnagnacann cgcnnncg 1069

```

```

<210> 4344
<211> 459
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(459)
<223> n = A,T,C or G

```

```

<400> 4344
ttgatccata tanatacnc tanttntgca ggatccctcg attogaatto ggcacgagnc 60
ncatnccnac cactactgat gantatnntn caaagagnga tacnctntgn ctnatgggnt 120
naacnctcnt tatccaantg ggnaaggaac ttggcncgg angacgcaga tgtgtncacc 180
tcattntcaa ggaaantgt gaanccctg cctccttttn cttgccteng antgtntgtg 240
acnacncgg acnctnnnnn catncnanc ntgtagnnga acggnantgg aanatcngtg 300
cactcgtnta tnnnacngng agggaccatn naccnaagnc ancttagcaa antggcttng 360
atgctgtggc tgannancna ctgcnggtgc attcggacac atttgcceat nacnctgang 420
cncatttctg nggggtcaag ntcnctga tcttntgng 459

```

```

<210> 4345
<211> 784
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

```

```

<400> 4345
ttnaaacctt tgcatttgan ccctttgcag gatccctcga ttccaagnng ncacnaggtn 60
ngctgnacnc ttggctaagg nnaactgattc tgngcncctt acccatgttc atggngangnc 120
cgngcctnct ctggccatnt gccncaacga ntattcntnn ccennaattg ctnatntctt 180
gggatantag nntanntgan ngatttngca agacnagaan gtntctacnn ntctgnccan 240
nagctncgct acttntnagg ccttaacaaa tcttggncat gcatggmata tatactcttc 300
taangnacnc catgncagg tccatnccat tcattgaatg ccaangatan accagctnct 360
ggtncnnaag nagtnntnag ncancntanc aaagancenn gggcccntgg ngnttgacan 420
cattcatcgt ggaggaacaa tggannnagt ctnactttcn cnanncnann ttctgattna 480
aggnttgtga aagagtatta catnancgtg nanntcangg ntgatntanc ncanaaatgg 540
cancttttnc ttgcactnag ggtctnggcc cctttntnca taaaaanngg atctgaatag 600
gctttnttan ttaccnncnn cacaccnnaat gnantaanct aaccttttgc naangttagn 660
nncttttacc acanaggtcn ttacncaaaa ntannnggtn anaaccceng ccanttttct 720
agattantnc ccaacttang cctgncatn cacttgatac anggccctt tattanaatg 780
aact 784

```

```

<210> 4346
<211> 887
<212> DNA
<213> Homo sapiens

```

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4346

caaancccttt	gcccccttttc	aaatcncttg	gctactcgtt	ctttttgcag	gatcccatcg	60
attcgntgct	gcgactcagg	cncnntgnat	ggnaantgac	ataatgtnan	cnanangenc	120
tctgntgtat	gagttgtgct	tggtttgnn	nagnaggaaa	ctgngnnntn	tataactacn	180
ccnangccnt	ttggacaaca	gctgggatcc	aaccnttgct	nntngnnnna	ntgttctttt	240
cagnnccctn	tgggntagac	canaacantt	ccttgtnaan	ccnaacnngn	caaaacntng	300
nancagggnt	ncgtnnccca	angtnnttnn	ttanngnccc	cnnngnngna	aacnntttca	360
accccttgnc	tttgganana	nncttngggc	cntnaaaatn	nnttnnatan	naccttnnnt	420
ggggattcnt	ttaatttcta	ntnaaangtt	ggtgggtcna	ttttaacctn	naaaatgnnt	480
ngcaatgnnn	acttataacc	cttanatcgn	ttgncttaat	tgaaancntt	aacngtctaa	540
acnccctnag	ctaaanctcc	caatatcgnn	ggtaacceng	gngnatgnnt	ngggggccaat	600
ggnnntttca	annnnnctnn	aagatccctn	gnatnnnnag	aaggatatnt	nccnnctgg	660
gantanttct	ctgnnntatt	cnnncgaaaa	aganaccttt	gncctcttnn	nattgnaata	720
ttngcctngt	nttaaaaancg	nngncccant	tttgggggaa	tatnnnnntt	ctnnganana	780
aaaatggggc	ccnccctgggn	tactttatat	cnttntnnng	aaaannccgn	cnaanatcct	840
ncatatgggt	ggntcntttc	atgaacngcg	ggnttanttn	ntncccg		887

<210> 4347
 <211> 463
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(463)
 <223> n = A,T,C or G

<400> 4347

tattcnatct	gctacttggt	ctttttgcag	gatcccatcg	attcgagann	aggangaang	60
acnctntgcn	tggnacaggg	ctntgnccct	antctgaata	tgatcatccn	ncacggngan	120
cnnnagcctt	tnnnctctcc	catntttggn	aattactttc	ttgangatgc	tgcccttnaa	180
angcttcncg	tacattatcc	atnttttaaa	aaatctntgg	actggatcta	ctgaagcgcc	240
nttgctntat	taanntnagg	gcctcnagca	cctaaanntc	tngaccatnn	naagacattn	300
ntncattma	ctnctttgta	taactaaata	ctctntannn	atttcnnttn	caatacngtg	360
ganggnaatg	anaagcatnc	taaanttggg	tnaatntant	tcnntnanna	tgtnngacna	420
aagaagaaaa	tngcttgtnt	tcaggttcat	nggcttggtc	tgg		463

<210> 4348
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4348

ttttnaatgc	ttggctactn	gttctttctg	caggatccca	tcgattcgaa	ttcggcacga	60
gccngtntnt	nctaatnntn	nnatgntnac	ctgggnntgg	tgggtgggng	cntgcagnnc	120
canctactca	ggngctgng	gcatananant	ngcnngaacc	caannggtgg	nagttgctgn	180


```

natccgaggt tgcacactng nactccancc tgnccacana tegagactng tcttataaaa 240
antaannnga nnatgnnaga cctatcagta gggtgancac ntgtccttnn gctntgcngn 300
tcnacnttna tgcgatgnga tccantgang ttnaaccen tccactnnn tngnnaantc 360
ntnnnttaca tncgtgntc cccaaaacat ntcacgtaac anttattcct aggtgcagnc 420
tcnctatcnn taggntcttg gtnggccaaa ttcctgggat cangtgaagg tgggctgtnt 480
cagtaanaan tgaatggact gnanagngcc cattttacaa ggaccatnct tncctggggc 540
aagccaataa attatttncc ctntttgggg gaaaanaatt ttcgganccn taaattanat 600
ttcnggaaac cnnccnaaa gnccttnattt tcccnnnaca aannttngng ganncatttt 660
tanggggna nnanaggngn naagggtttc ngttggnttn gcccntaant tcccaaggnc 720
ntngaaaccc ttatggggnn accncattcn ggataatttg nnaan 765

```

<210> 4349

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4349

```

gtcntctttg aaancccttt gctacttgct ctttctgnag gnaggcatcc catcgattcg 60
ccnagcncn gngngcaggc gggttgctna tggngcncctc tccgcttnc ttgntnaatn 120
actntctggn ctngctcgnt cngctgctgn nancggaann anctcnnct aaggcgggta 180
tncnnatate cacagantna ggggataacn cnagacngaa cntgtgatcg aaaggccaac 240
agatngccta aaaccgtaaa nangcanant agcngnccta tatccatang ctngctgcnc 300
ntgactagca tatcatanat gtcactgtca tgnctntcn tngaaaagnc cgtnaggnt 360
nttatgatac nnggcnnntt cacttggnn ccanntcaag cncncngctg ttacaatgct 420
gngctgaat gnatacccggt ccnactgnt nnattaggna acntgggac ncttctatnc 480
actgtnacnc tcatgggggt ttgggnaaat gccaangnn nngnccgna tccncccg 540
aagntttgng gnattgtgtt gnnagaccgna aacccttg ncggtacc aa ttggggggga 600
aanaaccttg ttgggccttt taaaccccg gnataacgga aatttttagga 660
gtttgnccan atnccccggn ggntnaaggc cnaaccaat tgtttaaatt ccccccaacn 720
ttgnccttg nnnnaanggn ccttggtnaa accgggggga aattccccct ngaacancgn 780
antagggtn ggcangcnt tttanaggga ntccccnga aaagcggctg gnnngt naac 840
ntttcgggct ttgggggtga acangnanc tncaaattng ggaaatcntg g 891

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<210> 4350

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4350

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nttncgggtt gggagtcagg cctgggcagg accctgctga ctcggtggcg gggatctggg 120
agccaggctc tccgggcctt tctctggctt ccttggttg cctgggtggg gaaggggagg 180
aggggaagaa ggaaaggga gagtcttcca aggccagaag gagggggaca acccccaag 240
accatccctg aagacgagca tccccctct ctcctgtta gaaatgttag tgccccgcac 300
tgtgccccaa gttctaggcc cccagaaag ctgtcagagc cggcgcctt cccccctctc 360
ccagggatgc tctttgtaaa tatcggtagg gtgtgggagt gaggggtacc tcccttcccc 420

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aaggttccag	aggccctaag	cnggatgggc	togctgaacc	tcgaggaact	ccaggacgag	480
gaggacatgg	gacttgcggtg	gacagtcagg	gttcacttgg	gctctcteta	netceccaat	540
tctgectgcc	tcctccttcc	nanctgcaact	ttanccctag	aangtggngg	acctnanggg	600
gaanggacaa	gggcaaggng	ggccccatga	aaaaaaagcc	cctcnnttgn	ccnacaactg	660
ncttgannnn	ctngcttctt	netgggtggc	ccanangntn	ggntttnncc	aacccccact	720
gggatttnc	tgccenttgg	gggnngnact	tggccccctt	cctnggnttt	tttgcencca	780
cnnnggcctt	cnttggaac	ctttgtcacc	ct			812

<210> 4351

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4351

ntttctaaaa	tggccctggg	nccccctttt	ccnaaaatcc	cctttggggc	tncttttncn	60
aaaaatcgcc	tttgggcnaa	ctccgnatnc	ttatntggac	angggaaatcc	catccgantn	120
tccgganatt	tcggggccac	cggaggggaa	tttngtggna	ccatgggggtc	gggttacaat	180
nananagggg	taantnacca	ttgggatggt	taaaatnana	aaggggccaat	caccattggg	240
acngttacat	aaaagnnat	cgctgnggca	agccaccaaa	caattcccat	nanggaaatt	300
ttnnagaact	tttannggaa	tntggcncaa	attnttcaag	ggcccnttta	nttctcagan	360
caccccggn	cttnttggat	naatganggc	tggcggnngn	ntggagnaaa	anngacccan	420
nttaaatngg	gnnacennna	tgaaagggtt	ggcncnngaa	tgaacccccg	taccctnaag	480
gccgttantc	cnaantngan	acntaaaact	nnacnaaaac	cattgtctgg	gnccaactaa	540
tggcggaacc	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaancc	600
nggaacagnc	ggaaaaanag	gncgtganac	tnngataatg	ncatcnggaa	cnnctgaccc	660
tgnnnntccc	tatgangggc	aaaaaaaaag	cctccnaagg	gtnnngaccn	tttnattnnc	720
cccnttncga	nccaacgcnt	tcattncccc	tcncaggggg	nnccaanan	ggccntcncc	780
ncntgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnnnccccc	tttnntnacc	840
cnnnnntaaa	aanccgnggg	ngaanaaaaag	tccccnnaaa	aaatattccc	cccnnnncn	900
tgncnacca	ctnaatnctc	aaatnaaaanc	cntttcnc			938

<210> 4352

<211> 938

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (938)

<223> n = A,T,C or G

<400> 4352

ntttctaaaa	tggccctggg	nccccctttt	ccnaaaatcc	cctttggggc	tncttttncn	60
aaaaatcgcc	tttgggcnaa	ctccgnatnc	ttatntggac	angggaaatcc	catccgantn	120
tccgganatt	tcggggccac	cggaggggaa	tttngtggna	ccatgggggtc	gggttacaat	180
nananagggg	taantnacca	ttgggatggt	taaaatnana	aaggggccaat	caccattggg	240
acngttacat	aaaagnnat	cgctgnggca	agccaccaaa	caattcccat	nanggaaatt	300
ttnnagaact	tttannggaa	tntggcncaa	attnttcaag	ggcccnttta	nttctcagan	360
caccccggn	cttnttggat	naatganggc	tggcggnngn	ntggagnaaa	anngacccan	420
nttaaatngg	gnnacennna	tgaaagggtt	ggcncnngaa	tgaacccccg	taccctnaag	480
gccgttantc	cnaantngan	acntaaaact	nnacnaaaac	cattgtctgg	gnccaactaa	540

tggeggaccn	ttggccaacc	taanntttta	acngnncatn	ggaccnaanc	atnnaaancc	600
nggaacagnc	ggaaaaanag	gncgtganac	tnngataatg	ncatcnggaa	cnnctgaccc	660
tgnntttccc	tatgangggc	aaaaaaaaagg	cctccnaagg	gtnggaccn	tttnattnnc	720
ccntttncga	nccaacgcnt	tcatttcccc	tencaggggg	nntcaaan	ggccntcncc	780
ncntgnaaaa	cgacngtccc	ctggggcctt	ttccaataan	atnncccc	tttnntnacc	840
ccnnmntaaa	aanccgnggg	ngaanaaaag	tccccnaaa	aaatatcccc	ccnnnnnncn	900
tgncnacc	ctnaatnctc	aatnaaaanc	cnttttnc			938

<210> 4353

<211> 599

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (599)

<223> n = A,T,C or G

<400> 4353

gnnnnnnnnn	ngnnnnnnnn	nnnnnnnnnn	nannnnnnnn	nnnnnnnnnn	nnnnngngnnn	60
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nncnangtgg	aaaancccg	ncccnnnnnn	120
nggggaccat	cnnngncggg	aanccgaagn	ggaaggngan	tnccgggggnc	cggangaaaa	180
ncanggggtgt	tggggggggg	gggccgtatc	annngaccan	ggggngaagc	acttnggnan	240
agggagcaaa	gacacantat	gtaaaccnag	gaggaggaga	agaangcaaa	nnngcatgng	300
aaatnnagnt	tgaagaancg	ctttttttgc	tnnccagcaa	tggtatnnat	gaacaacaaa	360
aatatagaaa	aagngagaaa	aaggcaanna	tnaantatnn	nctgaggaac	aacaacaaaag	420
acaaaaaaat	ggggggggat	tgatttantn	tccccgtgac	agaaaaagaa	tnngatcttt	480
aggggctaata	gcaacctggc	agactcactg	agggngaang	gaatgngctg	aaaaaattcn	540
agcctgacnt	ggcaagctcc	caangggaca	ccaccncaat	ggagaagaaa	gcaggaaaag	599

<210> 4354

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (812)

<223> n = A,T,C or G

<400> 4354

tttctaannn	ntncttnnna	nnnnntggga	ncttttnctn	netccannna	tnnannntgc	60
nttncggttt	gggagtcagg	cctgggcagg	accctgctga	ctcgtggcgc	gggatctggg	120
agccaggctc	tccgggcctt	tctctggctt	ccttggcttg	cctgggtggg	gaaggggagg	180
aggggaagaa	gaaaagggaa	gagtcttcca	aggccagaag	gagggggaca	accccccaag	240
accatccctg	aagacgagca	tccccctcct	ctccctgtta	gaaatgttag	tgccccgcac	300
tgtgccccaa	gttctaggcc	ccccagaaag	ctgtcagagc	cgcccgccct	ctcccccttc	360
ccagggatgc	tctttgtaaa	tatcggtatg	gtgtgggagt	gaggggtacc	tcccttcccc	420
aaggttccag	agggcctaag	cnggatgggc	tcgctgaacc	tcgaggaact	ccaggacgag	480
gaggacatgg	gacttgcgtg	gacagtcagg	gttcaacttg	gctctctcta	netccccaat	540
tctgcctgcc	tcctccttcc	nanctgcact	ttanccctag	aangtggnng	acctnanggg	600
gaanggacaa	gggcaaggng	ggccccatga	aaaaaaagcc	cctcnnttgn	ccnacacttg	660
nettgannnn	ctngetttct	netggtggcc	ccanangntn	ggnttttncc	aacccccact	720
gggattttct	tgccttcttg	gggnngnact	tgcccccttt	cctnggnttt	tttgcennca	780
cnngggcctt	cnttgggaac	ctttgtcacc	ct			812

<210> 4355
 <211> 819
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(819)
 <223> n = A,T,C or G

<400> 4355
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 acctatcttg atctggatag taaagtgagg acttttaaaaa agtttnttaa attactggga 120
 gaaatcatgg agcacagatt caagactttt cancatttaa aaagggtggt ngnccttncn 180
 angcaanttn tncctngcca ncttactatt tcanecgncc tatgnngaaa aaatcaantt 240
 ttgccccatg antnanttan gnnecgttacn centcncnng gagctcnagg acctgcctgt 300
 nangaccagg gctgggcctt gccaaaccan ggcaatgttg gggcengagg ctgctgtgtc 360
 tgnccaagct nctntcagag tccaattccc cangcctaca gcgctgtcag cttgcacct 420
 ggcatttcca cagagctggc ttgnccaccc cantgggggg ctatannctc agagaccact 480
 tcatcctent ggaatcnacc tcttttctaa taccctctt tggaaaaaag agcttgnccc 540
 ntncnnang caacactnng aagcttntgg gccntggtgn tgtaataatg gtcttnccat 600
 tncggttgaa acnncantgc ccntggttgn tgtntcgt n cagntgtcgn tgaggnaacc 660
 ttnggnattg cancttttan ggccccaa n ntccaaangn atntncantg naancctncc 720
 ctatacccn cancccnan ttanntaaa attnncnna aaaaccctt naaatatana 780
 aaaacncana aacttttgng nctttanaa ctttngcg 819

<210> 4356
 <211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

<400> 4356
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 nggncgaggc cgcngcnag gnacnnnttg nntttcggt n tgncccnega gccgagngcc 180
 ggggcanggc ggnnagcncc ggnccagngg ntgtngncnc angngngngc nngcggnccg 240
 gggcgccctg gtengcgcg gnetaccenc ggnnggagg agattncng ngngcgngcg 300
 aggcacantg gggccggagn agnanggtgc gcgncagg gnaanaacng ctngtncgn 360
 ngggccnggc cntctgngcc aaggagnc nccnccgag ngggcggn tccnggccc 420
 agccgnttac nagecnnaat cnacnnngn cccagagcc cccggtccc nactngggc 480
 cgaccggng ggncccccgn ggggggaatt tcnnngaggc naanancggt nnggnaacc 540
 gnncccccgc tcaagagaac cggcnccnnc ncccaacagg gccnaagng ggcctagtna 600
 aacaaanccc cagccccacc cggcggnang ggcncggnn gggngttacc ntatecngc 660
 cgnaagccc gaancggaan ggggcenttg ncaaaaagen angggttnnn ncccnctntg 720
 gccnnnang gcccnccng aaactnggg gggggnggn gncccaagt atncgggna 780
 agccctgnag gggggggann gtaaccctn nnnctcnta angaaacgg gggggcnnn 840
 cccccccca agggggggg nggnttnaag ggcganccca ncnacntnt gctcnggaa 900
 nnaccccgcg cgg 913

<210> 4357
 <211> 745

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(745)
<223> n = A,T,C or G

<400> 4357

tttctaaatg	cttggcnact	cgntctttct	gcaggatccc	tcgattcgaa	ttcggcacga	60
ggataggcca	cattccagta	agaactcaat	ttgtctccca	aatttgcaga	aacaaaacgt	120
gatttaaaag	ctgagctttt	tatcagaagc	ttttttgatg	ttttaagtgt	tatgtgactt	180
gttgaacttt	ttaaaaagtg	ctacttttaa	aatcccagat	actctgaatt	ttagaaaaca	240
aactaattct	gattgtgtcg	tgcccaagtn	cccttttttt	ttaatgaata	nggaccaatg	300
ccacattgct	ttttatattt	ctttcttttt	taatgtngcc	aaaacaaaaa	gtagctttgn	360
tttcctttgt	attttgctac	tttgcatgat	ttgtgtgtgn	ggttnttttt	ccttaatttg	420
aaagggacag	cactgtgtat	gtttataaac	taaatgaaga	tnagatatta	ttttgntaaa	480
cattcatctg	agaacaatca	angcagtagc	ccatggngct	ggctnctttg	cagcannaaa	540
ccntgnacat	tttgatgact	gtacaacang	gaagaacttt	gaaaaaatca	cgggtgggatt	600
catattaccc	accggnnttt	catttcatgg	gannctttct	tgatcaaaaa	aaagctnact	660
tccgtaatnt	nntnatttat	cctttctgtt	ntcntaanaa	aatatngggg	tgtttttggg	720
nccananaat	ggnaattttt	gcnnt				745

<210> 4358
<211> 893
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(893)
<223> n = A,T,C or G

<400> 4358

nnnnaanaaa	anngnncana	nncannanng	nnncnnncnn	nncannncnn	nnngntnann	60
nacgnaaanac	annnnannnag	nantccnnncn	nnncgcgcgcg	cgnnnnnnnnn	ncagnnnngcn	120
gnagncaacnc	tctttnaaat	cncttggcng	agntccatgc	angnatacca	cgcagcggna	180
ggacaccngg	cgntggggnt	cnngtagttn	ggncacaggn	ngggncntat	ggcaganaag	240
nacncagcan	cnaccagag	cgtaatgggn	ggccganacn	ggntggggng	cacgatnact	300
gtnccaanaa	agacggagaa	ctggcagcaa	ctgcangngg	cggtggntnn	cnnncnacnac	360
nnattgcnaag	tcatagcggc	tatgtgcana	ttgactggaa	gagagttgaa	aaagangnan	420
ataaagcnaa	aagacagant	aagaaacgag	cgaacaaagc	ancaccngna	ancaaacacnn	480
taattganga	agcaacagaa	tngatcaagc	agaacatngn	ganatccagn	gggatntgng	540
gggagggctnn	nagctcggac	ntgcatctna	aggacaatga	atattcnccc	anaaacggat	600
ncaaactatg	aanaacagaa	gtgggcagcc	antaaggcag	nntctcaaaa	gncatactcg	660
ccaggantct	ctanggcaag	gagaaacaac	cnngntggac	aattantcaa	ttccaaaactn	720
tanccattat	gccaanctgg	aagcttggca	aaactagnna	tcngctngan	aaaccaacct	780
atatggggca	tgcggaaccc	ngangnantn	ccccgngcaa	aaacgnnnggc	tancaancga	840
ntnagcanaa	aanatggcnn	ncngtnnaag	naaacctngc	cctaanaaaa	ccn	893

<210> 4359
<211> 1837
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1837)
 <223> n = A,T,C or G

<400> 4359

cggttttggg	gnttttttcc	nngnntgggg	ggnaaaaacc	cccccttttt	tttttngggg	60
gggacanaaa	gngancntnc	ntcgnngcn	cgngcngnnn	gcngntgcc	tnanncgagg	120
gcncgnntgt	gtggngntg	gncgtantgt	ncgctncggn	gcngcacaga	tgngcgngng	180
ggggnngtnn	ngnngagnca	gtnangncng	cnagcnnnag	tgntnttttt	tngcnangnc	240
ggncnanggn	gagagntgnc	nnnngngggg	gggnatggna	gcaggngngn	ngcggggggg	300
ngnngngngn	ncgngngcgn	naggaggngg	ngggggctgg	nnccgggcgng	gnnncgcgcn	360
cngtngggcc	nnnngtnncg	gngtgggggc	nnaggtggnc	gggggcaggg	gngttactgn	420
tttggcgcga	ggngngncca	nngcanggna	ncngagtngg	aganngggcg	gcggnaaggn	480
ngtggananc	nngtctngnn	gncggngnnt	tnagacgntn	cnnnnggang	agngtgagcg	540
ngnnggcngn	ngagnntgcn	cacgcagngn	nngggagcga	gnngctggng	angtatganc	600
gnggggcggg	ntgnnnggca	nnataggntn	naagtngaca	ngcncnggtc	ngaggntnnn	660
gttnatngct	cgntnnnatg	gtgnnnngca	nnangtcgag	ggncgcgcgc	tnnaggaagt	720
gtgggggtgt	cncntntgt	nggggttangg	nngagnnctn	nnnagagct	cgngggnnng	780
ccnnnnagag	tcgcnncncg	aggtggnnnc	gacnggccac	gangtncacg	ngngtntggt	840
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gctcgancnt	nanngcgang	gannggggga	agggcngcgg	nccacggtnt	ncnngactgg	960
ngtgngngag	gtctngtgcg	gtggggntag	tgngacntgc	agncnntnct	cagganagng	1020
gngggactgg	tagctnacag	ctnngntatt	nggacggcgn	gcgannggtg	nnantgtgtg	1080
ncgngngnan	ggnggncgan	anantentcg	cggntcntga	gacggagctn	gngagcggng	1140
gannggngng	agngnggaga	nntcgtgagc	naggagaggg	agcaggcgnt	gnnagcngng	1200
agnggggtgt	cnnnangtac	agtgtgnagg	ncagagnncg	cgantnngga	gtncgcncg	1260
tntcggnggc	tntgacgtgt	ntntcggnt	nggggggtngc	gtcngtgnnn	ncngngtntn	1320
nnnagggcgn	gnacgtgnnt	ntgtggggng	catagtatng	gcgctnnanc	nctgtcgng	1380
cgagaggtna	gtngntntgc	nnccagngt	ggngnagtga	nggcgggtgt	ngtgannngg	1440
ggtgtnnccg	tnagnggcgn	gggacgtgt	gnganntgcg	ngnnnaagca	cggagcnggn	1500
gnntcgcgcg	gcgagacngg	agattnnngn	gnngaggcnc	gngcncncgg	aggtangcgg	1560
tcntngagga	gcnnnggta	tggtngcgca	ngcgtntttg	ngcgtntngt	gactgggagt	1620
ncgctntngc	gntagagtac	ananggaatg	tnatctntcn	ggnacgggat	ggnacgngt	1680
ggnganagct	gcngnctga	gggacanatg	gcgcgcggtc	ggnagnagt	ngngnagcgc	1740
ggacnggggt	ctgagacgcg	nnggtggggg	nnntnganan	gtannngcnc	gngngngggag	1800
nnnngntgat	gcngggagcg	gngtatatna	tgngngnt			1837

<210> 4360
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4360

gtnacncccn	gcntttctaa	tgcttggcga	tcgnactntn	tgacaggtatc	ccatcgatnn	60
gaatacngca	cgaggcgagt	caaantgtnt	ntggnagcng	anctcctnnc	gggaccngng	120
ngcngngntg	ncnntgatgc	naggggtggc	atgtnnnnca	ncaangccnt	ttttgntggc	180
cncnctttg	ntgaangang	gatgtggaag	aatgagcttg	atncttgtna	nttgccnaat	240
nngatggcca	anngattgta	tagacnctcc	catatgggtga	canaccaggt	ntcancttaa	300
ntgaatgtac	tcannnnncn	ngnccntcnn	nnntcnagnc	nccttncttn	gnactntann	360
nnctctnatn	tttatganta	ccctantgt	ggtgcnnnct	tgagggggan	acanatecta	420
tgntcatncc	cngnnancta	cttttggncc	nccagatccc	catgnttttt	tccatgcnc	480

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gncaacttgn atctnttaaa tacatagggg gtgnacgnng gtataantac naactcttct 540
nggggtgntgn nganaantnt gnccangcct gatntcantc tcangtgttt agttaaaacn 600
attnnnnata cacctttttt tnaccntttt attgggggtcn aaaaaaaant tncgtcccgn 660
tttggaannn tngnttggn cctttttntt ngnancaatc cngaacctt ngntaaataa 720
ntanccctcn tttgaanata ntggannnng cnccttntcc ntcgtttttg gtcgcnngga 780
anaaaaaaag gntcntttt tcntngggat tntntttggg ggctcntngg cctttntttt 840
nn 842

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<210> 4361

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 4361

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cttgttcttt ttgcaggatc ccatcgattc gaaacaacgg agttctcttt tctgaatctg 120
caaaaaaggg tactcacttt gtccagttat gctgccaaag aaatattcct ctgctgttcc 180
ttcaaaacat tactggattt atgggttggt gagagtatga agctgaagga attgccaagg 240
atggtgccaa gatggtggcc gctgtggcct gtgcccaggt gcctaagata accctcatca 300
ttgggggctc ctatggagcc ggaaactatg ggatgtgtgg cagagcgtat agcccaagat 360
ttctctacat ttggccaaat gctcgtatct cagtgtatggg aggagagcag gcagccaatg 420
tgttggccac gataacaaag gaccaaagag cccgggaagg aaagcagttc tccagtgtctg 480
atgaagcggc tttaaaagag cccatcatta agaagtttga agaggaagga aacccttact 540
attccagcgc aagggtatgg gatgatggga tcattgatcc agcagacacc agactggctc 600
tgggtctcaa ttttagtgca gccctnaacg caccaataga gaagactgac ttcggnatct 660
tcaggatgta actgggaata aaggatgttt ctggtggaca tgtactgaaa attaacacat 720
gtngtancc taaaatttta gactttctcg acatgagggt ggtacn 766

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<210> 4362

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (746)

<223> n = A,T,C or G

<400> 4362

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tttgaancct ttgaaaccct tttgcatttg aaacctttgc aannccgctt tttgcnngac 60
cccatcgntt cgaattcngc ncnanggcaa ctttngggaa ttcntacngt tgangactgc 120
canatgaana cctactttca actncttttt cccccctcta gaagaatnaa atcgnatctt 180
ttacttacct ctggcnaaan aaagaaaaat gaaaanagtt catttattca tncgtattct 240
atntancaaa actgantgnc aaaagtgcct tcngtccaca cacacaaant ctgcatgtnt 300
tgggttggtg ntctgtcccc tnaagaacaa gctacacatc atggntacan tataaattct 360
cgatctacct taangatgag gactcctnnn agaancattt gctattgatt aatacactgc 420
ttnggcnnngc nagttnanca tncntgcagn ntgtctanag accacanang ggctttttgt 480
ttaanganga atgatgntta nactnttttn aaaacctata aaatgggncc ntttnnactt 540
tgttnacant naaangcata agtnggncnc tggncantac cnantatnaa aatgtctanc 600
ttnggnaagc ctcattgaaan gngggagngn tagaccgtaa tactggccca aaggngngag 660
actttaactt ctgtgcacnn cctgggncan accacctgcn nctgcctnta tgggttnacg 720

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agctnntaga cagaagaaca gtttgc

746

<210> 4363
 <211> 900
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(900)
 <223> n = A,T,C or G

<400> 4363

tcttactttc	tttttngaaa	ccctttttacg	caaggatccc	atccgatttc	gaattccggc	60
acgagcagag	nagccctttc	ccagnaaagc	ctggacaccc	gtgtctttat	ttngnnnagcn	120
cgtgctagtt	gcttttaact	ggccgacagg	tggctggtat	ttagcccttg	aattataagg	180
aaagatagga	cagaataaca	agcaaaaagg	gtccgatggt	ctcaccactc	aacgctaggc	240
gaagggtctca	ccgttcggcg	ataggcgata	gtctcaccgc	tcggcaattg	tctcaccact	300
tgggtgataag	tgaangtccc	ttcgtgggtca	ccaaaatgtg	tncagaattg	gtgggttctt	360
ggtctcactg	acttcaacaa	tgaanccacn	gacactcgna	gtgagtgtta	cagttcttaa	420
aggcagcntg	ttccggcnagt	ttngttcctt	cctgattgtt	ccatatgttg	tttcannaan	480
ttccttcctt	tctngntngg	gttccttngg	tcttcgccnt	gggctncaag	ganatggaaa	540
ncctgcaaaa	ccctttcncc	ggtnaaaactg	ntttaccagc	ctctttaaaa	tttaggnccn	600
ccatttttgg	ngangtttng	ntttccnttt	cccttccccn	attngngggc	ttccnctngg	660
gcctttctct	tnggcccctt	ccanggtaat	tnaaaaacct	tnnnncagan	ccttttcnnc	720
acttgcnanc	ttgttttnac	aaaccttaat	tnaaaaaggcc	ccttggtcng	aaccccccaa	780
nnaagtggaa	nccnnttnnc	ccaaanaatt	taatttngcn	aaannaacca	atanntaacc	840
canaccttn	tcaccancnt	gttttcnaaa	ggggtanccc	ctaaccnnn	atttgcncnt	900

<210> 4364
 <211> 1565
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1565)
 <223> n = A,T,C or G

<400> 4364

ttttnggnnt	annnganncg	annnnnannc	tcaacnnggg	gggnaaaaac	nnccccacgg	60
nnagggccag	ggggnaancc	ccaaacnngg	aaaacccggg	aaaannnacg	gggcnaacgg	120
tagggggngg	gngggggccc	cgggncnctg	gggggggggc	agaancaaan	ncaagcanac	180
ngggtttttt	ttttttttna	naanngggnc	cncnacaggg	gcggnggaaa	ngccacacgn	240
gggggggggn	ggggnagtnt	gtggtctgaa	aaaaggncnn	nggggggggg	ggctactnaa	300
aagccangag	cnacangann	cnagnnaacn	cgganacang	ggnacanngc	nnnanaggaa	360
nccnncnncn	gagaaggccg	gnanngccnc	gagngnagnc	gcnncacgag	nnccaccngc	420
nccaaaacan	cnnncnacca	nnangnngnc	nnnaaanaaa	angaangcgc	aaacanacnn	480
acgcaacgcn	anananaann	aaagnnngnc	ngaancgnnc	nnncnnaacn	ncnnacacna	540
ncgggnaaga	nnganggnng	nnacnaaaca	acnagngcan	gngaganaaa	ncagcannga	600
gnnnnagcng	acncagnacc	ncacnacaaa	gncanagggg	nccnacannc	nanaaaaanna	660
nacgnaagnc	ncanacacnc	aagancnatn	gaaaaacacn	nncccaanna	ncaacaanna	720
ggatacccac	aagcaganna	caccanncna	nngccnacnn	anacgcccag	nangnnacaa	780
tagacacnac	nagcgnnanc	anaganaacn	cncnngctna	gnncgaanaa	nnannagunc	840
aagacggacg	ngaaancgac	acaangnnnt	ncacacaaaa	ncncaagnag	actagaggan	900
ncgancacng	atacagacaa	cacacagnac	gcnnnggcacg	agacaannna	agnnnngnaa	960

gacgcganac	anngacagna	nnnecgncan	cganganntna	cgngacacna	canagngnna	1020
cacatngaag	cgacnncaga	cngagngcnn	aagnananga	agcgnaacgaa	nnngcanana	1080
nanagacana	acagaggagn	gagngnacca	gcanacacaa	gnnaaanaga	gcannnacn	1140
aaccnacacg	tnnacacccg	gggcanagng	agntnnacnc	nngaggncac	gcgacanaga	1200
gnaggnacac	acacngacaa	nanancgaca	cagacnggac	cnnagacang	agagngcacg	1260
acaaanacnc	gnnncngcagn	gacncnccag	nacancgcga	acacgacggn	gacnngagaa	1320
anagaananc	aagacanang	ncnaananac	aacaganaag	ngnagacnca	nacananaga	1380
ntngngacan	atccgacaga	gacacganac	cncaanacng	acgcgngann	agnnanngag	1440
aagnnnnccn	gcgcccacnn	nananngnna	caantcgnaa	cgangagagc	gccggangag	1500
angagcacac	acaacancac	ntnnnacnac	agcgangaag	aganacngna	gncnagagac	1560
agaat						1565

<210> 4365
 <211> 1052
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1052)
 <223> n = A,T,C or G

<400> 4365	
tnctgtgtgt	cccttggnnaa tccnnaaant nncttgccat cgnannntng cgacnccggag 60
gcaccgactt	cangcnnggn naacncnngn ngangacnnt ganngttttt gacagcnnac 120
ngnganctng	ancacgtngg ggnngcngna gaaatgcacn cncgcncnca gnacgctnan 180
gnngntacnn	nacttgangn anaagnnnaa nnnaccgccc naacagaaaa cgnnnnggtc 240
ngacgccant	ncaggcnngn anananactg anganagana nannccnggg acgntcnnnn 300
cangaanagn	nnnnggacat gannacnnna gnanaggcng nnnannnnna canaanccng 360
nnnanacnna	tnngcannna gcnanngcnc acctntnaca cnaagnnaga nnaaccgcgc 420
gngantngac	ccanancaat nanncnnnnn gcttcaactn nagnngcanac ntgnntaaga 480
cggnagcanc	ccnncnactn cgacaggccg nnnacagagag gnatctctna cgacacctag 540
cgcataccta	nncacnanac aggnccgagc agaagatcnc tnannancna nntnnatcnc 600
ncnnanaaca	tgcgntntn naccctnnn gtcantntga cacannanag tacgataaat 660
gntccagacc	gatagagcna nctctcncac gntnngnngg cnngngtaga cnccaaagen 720
acngnancgc	atntacgnnn agnnngcntn actncaannn ngctnacncc gtacgacagc 780
accantnnan	tngtgcgnnn acaacngng nntggannnn tnggnaanng annncntat 840
gtnnnnncgc	cntcnngaa ntcgaaagct ggnctntngc nncgnnnggn ncnanccnaa 900
nnannacnnn	gtanancngg ncgaaannat annagnattn ancnttcncg nctanctnca 960
cgntnngntg	cnacaccagn ggnntnncnn nngatnaanc nantgangag tccgccgnan 1020
nnnncnnann	nnnagcncnn nannccnnnn cc 1052

<210> 4366
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (714)
 <223> n = A,T,C or G

<400> 4366	
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cggcacgaga	gtgtatccag atctaagtaa tctcagttaa ctatacattg cctaaaaagt 120
ggttttgtaa	tgattttagt tcacatttct attgggatat gtagaagaaa aggcaaaatg 180

cttaaagtct	cttttatttt	ttaaaagcag	ctagatagac	acagacttgc	cacctcatat	240
atctgctcct	tggcaacatc	aaggggaacg	actagccaac	atgcctatgg	ctaaaaactt	300
tcctttgcag	actaaagcac	tgcttggtgc	ttcgtttttc	taccttcac	aacatgtgtg	360
atttcatact	agagatatat	acatgtacac	atgccctttg	ttccacctg	gatacaagat	420
cactcatagc	taattaggac	cattgttttt	tggtcatctg	tcttggtgca	tgaagggaca	480
ttagacccat	ttccattaaa	ataagttctt	ggtgataaac	tgtggcactg	ctacttcttt	540
ttaaatccac	tttatgattt	caagatggac	acttgtaaga	tgactcgaca	taaggccatt	600
gcctggaagc	cccagagctt	tcctctgttt	gtatggcccg	ttcatgtccc	aggcattgca	660
acacaaactc	aagattttcac	cacaacatga	caagcatttt	cctactgata	ttag	714

<210> 4367

<211> 685

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(685)

<223> n = A,T,C or G

<400> 4367

gcctcacgct	nntgtacttt	ngttgctgtg	ttgctgtgct	gtgtgccnct	nngatntgac	60
nactacacnn	nncaagggtg	ccngcctcc	tncnngatng	tnгнаagnat	acttgacata	120
tggagnngca	ttngnetcng	ccnangtgaa	anngattgga	ntnatncnna	tgcggggttg	180
gaaaanacnt	gnnggggnna	tatactgtga	cngtccgcc	cataaatcgg	tngccatatg	240
aactatngaa	ggctgggttaa	ngacntannc	tggctacnan	atngctgatg	tanatgnncn	300
anntgngnna	catanatctg	gntgtcaacg	natatnnnaa	tnncnnggna	cngngaactn	360
atnctggngt	gencacagag	ctctcnngat	ttacttatca	ctatnanata	tgggggtantg	420
cggaactcta	ngcanntant	gcttcacntn	atnttgnaaa	ancatatggc	atnntcantt	480
tgcttgtaaa	gcacttcatt	cttaactgct	cctnaggann	ggtnttcenc	ncaanggnat	540
ntnaaaaanc	agntttgntt	ccttngntgg	cgnaccnant	nnttgngann	tcttccccag	600
ngnannanaa	ggttacttna	ggttccannc	ctcntnttaa	nnctttataa	tgaatnnncn	660
ctnaaaaanaa	annnaanntn	nctnt				685

<210> 4368

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4368

tccttttcan	ttcactnnct	ttgtttcttt	ttgcaggatc	ccatcgattc	ggtgggaact	60
ggctcaggct	ggattactct	tgctgctgtc	ttgctgtnct	gtatgccact	gggatctgaa	120
cactaaacat	tgctaagaaa	ccccccacc	accaggatat	ttggaagtaa	cttcacatat	180
ggaaaaagta	aagactcagt	ctctgagaaa	acaattggac	tgatgcgaat	gcagtttttg	240
aaaaaaaactg	tggagatat	atactgtgac	aatccaccac	atcagcctgt	ggccattgaa	300
ctatggaagg	ctgttaaaaag	acataatctg	actaaaagat	ggcttatgaa	aatcgtcgat	360
gaaagagaaa	aaaatctgga	tgacaaaagca	tatcgtaata	tcaagggaact	ggaaaattat	420
gctgaaaaca	cacagagctc	tcttctttac	ttaacactag	aaatattggg	tataaaggat	480
cttcatgcag	atcatgctgc	aagtcataatt	ggaaaagcac	aaggcattgt	cacttgcttg	540
agagcnacac	catatcatgg	ggagcnagaa	gaaaagggtg	tccttcccat	ggatatattgt	600
atgctgcag	gtgtttcaca	agangacttt	ttaccggagg	aaccaagnn	aaaatgtgag	660

agatgtaatt atatgacatt gccagtcaaa gccacttgc cctaaagcat gctagncctt 720

<210> 4369
 <211> 808
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 4369
 ttanttncat cagctcttgt tcttttttgca ggatccctcg attcgaattc ggcacgaggt 60
 tttntttttt tttttttttt tttttttttt ggggtacggn agcactttta tttttcctta 120
 cacaatgacg tgttgctggg gcctaattgt ctacataaac agtagaaaac caaaatttgt 180
 tgatcatntt tcaaagaatc gagaattgng tacaaaaaaa accttacata aattaagaat 240
 gaatacattt acaggcgtaa atgcaaaccg ctccaactn aaagcaagta acagcccacg 300
 gtgttntggc caaagacatn agctaanaaa ggaaactggg tctacggnt tggactttnc 360
 aaccttgaca gacctgcaag acaaaacaac tggttcttgc cagcctctaa agaaatccca 420
 gaacactcag ccctgacacg ttaataacct gcacagatca naggtgggtg gccacagac 480
 tcaccaagcc acagacttgt ntttcacaag cagttntta ccttagccac gaagtgccaa 540
 gccacacgtt ctaaagggtg aactcaaaga tatgtacagg gtnttaaaca aatccaaggg 600
 gaacagttta cttaataca agncaaaat cagcacaagg tntacaatnc agngctgatt 660
 taaatacaag cttaanggc aatttntttt tgaangnttt ttccatttcg ngaggntngc 720
 catgangngg gtgcattttg ncnnggggca aatttntntt ttcaattaan ccatgccaga 780
 aaangctccn catttgntgg gtccgttn 808

<210> 4370
 <211> 726
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(726)
 <223> n = A,T,C or G

<400> 4370
 ggnttttaag atcagctact tgttcttttt gcaggatccc atcgattcgc cagtccatgg 60
 gcaattggca gatcaagcgc cagaatggag atgatccctt gctgacttac cggttccac 120
 caaagttcac cctgaaggct gggcangtgg tgacgatctg ggctgnagga gctggggcca 180
 cccacagccc ccctaccgac ctggtgtgga aggcacagaa cacctgnggc tgcgggaaca 240
 gctgcgtac ggctctcctc aactccactg gggaagaagt ggccatgcgc aagctggtgc 300
 gctcagtgc tgtngntgag gacgacgagg atgaggatgg agatgacctg ctccatcac 360
 accacggctc ccactgcagc agctcggggg accccgctga gtacaacctg cgctcgcgca 420
 ccgtgctgtg cgggacctgc gggcagntcg ccgacaaggc atctgccagc ggctcaggag 480
 cccaagggtg gcggaacctc ctctctggc tcttctgect tcagtgtcac ggtcacttcg 540
 canctaccgc antgtggggg gcanatgggg gtngcagctn cgggacaatc tggttaccgc 600
 tctactctg gcaactccag cccngaacc aacccccana actgcagcat catgttaatc 660
 tgggacctgn caggcagggg tgggggtgan ncannanann tnnnangnaa atttntcttt 720
 taaant 726

<210> 4371
 <211> 767
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (767)

<223> n = A,T,C or G

<400> 4371

tggggggtttt	atanncagct	cttggttttn	gcngtttnnag	aganngetac	tngnncetnna	60
gncgagctct	acatncanaa	ctnatcaatg	ctgatgtggc	taaataccta	gcctttttaca	120
tgntgcccc	ttccaggetc	acatcatttt	atttcttttt	tctttgtctg	gtgggtttttt	180
ntttttgagg	caggagaatt	gcttgaaccc	aagaggcgga	ggttgtgggtg	agccgagatt	240
gnaccttngt	actccagcct	gggcaacgag	caaaaaactc	tgtctcaaaa	aaanaaaactt	300
gcacntgatn	aaaaanggtt	ttcatgacnn	agcatgcnc	ttnnctggcg	gacatttccn	360
gaancagacc	ctgttantcc	ttnnacttac	ctgctggatt	tttnaagcgc	taaattttata	420
acttntttga	aacaannact	ngtgaatttn	tnccatttgg	gggcaaactn	tattcntgtg	480
ancattattn	aatcttggnt	gtnaatntat	tganancccc	ttaatanttg	caatgggtca	540
aganaagctg	ccacggngtn	atnatcctct	ttanattggg	cntccantat	tantgatgca	600
ntcatgactt	ntggtttnac	ntgntnggga	tggggccaat	aaatgnatnc	ttcaagcnnng	660
ncaaaaaaaa	ncccnggatt	ttgattcenna	nngggnacnt	ggnngtttnc	tgactttttac	720
cntaaattac	cttngtntgg	ntcttcattt	aaaaanaaaa	gcgcntnt		767

<210> 4372

<211> 830

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (830)

<223> n = A,T,C or G

<400> 4372

gcttnanccc	tttccatttc	caatnntttg	gctctcnctn	aaaccctttg	gancccentcg	60
attcgaatnc	ggcacgaggg	ctaacttgcc	ttgttnnact	atngatgttn	gngtccetgnn	120
ttcttaacac	tttaagcagc	tgntctcacc	ttaaaggctaa	tagttntaag	taagtatctn	180
tttcttttta	taattttaaa	attaaaaaat	ttttaattaa	ctgtttttta	attaaaaaaa	240
attattaatn	atttntaata	gacaggatct	ngctatgctg	nccaggctgg	tcttgaactc	300
ctgggtctca	gtgatectcc	tgccttggcc	tcccaaagtg	ctgggtattac	aggtgtgagt	360
cactgcacct	ggccaagttn	natncttcag	gntacattnc	ttcagccact	tcaatcaaac	420
atnnaattaa	catgctataa	tgaatgacta	tncttaacta	ggctaaccac	atgaaggcct	480
ttggnaactt	acctntagtt	acancettca	cttctttttt	tttgngaagg	gaaantnnng	540
ggnnccggaca	atactcctng	nantnaacta	tngtaaccct	ttncntngac	tngaattaac	600
nngggaaatt	nggggaaant	aattgnagaa	ntgaacnngc	ttgaatcnaa	nannantcaa	660
tanaccntaa	tagncaante	ntnttaanne	cccnaatcnn	ttagnccntn	ccaatttggc	720
cnanaagnta	anancncccc	cnggcctttt	ngccccaatc	nnnaaattcg	nnatnaaaaa	780
tnaaaccctt	ngccttttaa	ngggnacctt	tnacacgaan	gggggaaann		830

<210> 4373

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (733)

<223> n = A,T,C or G

<400> 4373

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gtnttttcaa anntnaggct cttgtttcttt ttgcaggatc ccatcgattc gaattcggca      60
cgagggtctcg agtttttttt tttttttttt ttggaggag ataaaccaat tttatgtcta      120
tcatgtttata caaaaatcta gaaataatag atttgtacag aaaaaaatga taataaatga      180
gaacacaaaa catataatth aaatttggtta ttttttcccc catgatatta ggatgataat      240
cattttcaaag cacatgtcta gcttcagagt aggatttgtt cactggccaa agcctgccat      300
gaaactatgg ctttcagcat ctgtctgctc tactggctct tgacaaaact cttgaggnet      360
tcaagaaaag taatgtactc ctggtgctcc agggctgtgc tgagctccac cagctcatct      420
gcaaaagtgt tgtccacccc tcggtcggca aggaaatcca ttangtggtc atataaggcc      480
cagtccaagg aatctgtgtt gagtgtataa ttagtatcct tccattcaga ctgccagtg      540
gactgaaagc taacttccct gatagagaag atgtcctctc agcctcgctt cttgtccacc      600
tcatcctctg gataatgacc gtccacacaa gggccctttt gccatcatca ttctttataa      660
cttcaccccc gaaatttggg aagttgatgt cagttcaggc tcctgnnctt caaccttctg      720
gccttgncga ngg                                     733

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<210> 4374

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4374

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tcacagtttt ttntccccg aancgttnga aaattcctgc aggatcccat cgattcgggtg      60
gaactggctc aggctggatt actcttgctg ctgtcttgct gttctgnatg ccactgggat      120
ctgaaccacta aacattgcta agaaaccac ccaccaccag gatntttgga agtaactgca      180
catatggaaa agtaaaaagac tcantctctg agaaaacaat aggactgatg cgaatgcagn      240
natggaaaana aactgtgnaa gatataact gtgacaatcc accacatcag cctgaggcca      300
tngcactatg gaaggctgnt aaaagacata atctgactaa aacgatggct ttntgaaaat      360
cgtcnnatta aanggaanaa ananantctn ggatgacaaa ancatatcgt aattatcaan      420
ggaactggaa aanttatgct gaaaacacac agancntct tctttactta acactagaaa      480
tatanggtat aaaggatctt catgcanatc atgctgcaag ccatattgca aaagnacaag      540
gcnnrtgtcac ttgcttggan agcaacncca tattcatgng nagncanaat taaaggggct      600
nnttccctna tggaaatatt cgtatgctcc nattggggct tncncaatga angacntttt      660
tntncnggat gnaacccanc tatnnnaann tggntacaa cannttatat nnttttnaac      720
ntttnncccn nccanancn acncttggc cncctctaaaa agnantgctt ctngtccccg      779

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<210> 4375

<211> 1165

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1165)

<223> n = A,T,C or G

<400> 4375

```

annaaancac acnnnccaca ncaanaaana canncanana nncnannaaa cacaanacna      60
accnncnnn cncncnacia acnnncacan ncncancnc ncncaanng cgngcttcaa      120
cnnatgnaa gccctngcn acacgnanna acagcncgna ancncacgna cgncncnann      180

```

```

cngannnaan acaccccanan nacaegagag agnnancnaa cacnannana cnnacccgcn      240
ccnanaaaanc nggncennnga cgangccgac gnacacanc acaaaacncg acaaccccnna      300
acaaaaangca aaacgcgnaa agancennang acnannaaaa agncgccang anancaacna      360
gnacacacgg acnaaccngn accngcanac ancnnnccac aaaccncgag agcnaccccn      420
acgcagcanc ncnncgcaa anngnnannc nacacnccna gcccagann angaaccag      480
cancnnaan cannnngcnc nacgaacaac aacnnanana nnaaccccca gacncacaca      540
accagnnnc nacnganac gncnaccnc accncacngg aacaananaa ccaggccnnc      600
aanagcgnaa acaacccaaa aagnaccccc ccncanacan caacagnana cacacacccn      660
cncgggacaa ncanacncac nnaggaaaac cccaannngn gncaaatnan anccccaca      720
acacagcacc aaaangccaa ncncaaaaac aaggcgnaac nacnncagcc gcgacgacac      780
aaacaccacn naancnnaan cannnnnncag ggncaaacan ngcaaaanng nnggcgacac      840
actanancng ngacacccca ananaatnag cccanggan cgacacanna acagcgagcc      900
gaanccggna aanaaacgna aaaaccnggc ncaccnacca ggcacnacn caacaccacn      960
gcaaaaaacc ancnccnnaa tcnaaacacc ccaagaanng ncacacacng nncacaaang      1020
naccncnna anaagggcc aanngcccan gaacccccca cancnnnnc ncangaanaa      1080
naggncnna cncangccn acnncaanga cacacnacc caagaannca ccacagcnag      1140
anaancanca cccancann gaanc

```

1165

```

<210> 4376
<211> 725
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G

```

```

<400> 4376
tttnacactt tngcnacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
gttttttttt tttttttttc acgcttaatt cactttattt ttcttgata aaaaccctat      120
gttgtagcca cagctggagc ctgagtcgc tgcacggaga ctctggtgtg ggtcttgacg      180
aggtggtcag tgaactcctg ataggagac ttggtgaata cagtctcctt ccagaggtcg      240
ggggtcaggt agctgtaggt cttagaaatg gcatcaaagg tggccttggc gaagttgccc      300
aggtgggcan tgcagccccg ggctgaggtg tancagtcac ngataccagc catcatgagc      360
agcttcttag gcacaggtgc ggagacgatg ccagtgcctt tgggtgcagg gatgaggcgt      420
accagcacan agccgcagcg gcctgtcacc ttgcaaggga cagtgtgggg ntgtccgatc      480
ttgttcccc agtagcctct gcgcacgggg acgatggaga gcttggccag gatgatggcc      540
ccacngatgg cggtggnac ctctggggag ccacttaaca cccanaccga cttnggccaa      600
aanggcctta aaccggtaaa aaggecnctt tnnttgcgt ttttncnat aggnntctntg      660
ccccntgna cangttttna caaaaaatct gnnntttatt tanaaggtgg gnaaccccc      720
ccnng

```

725

```

<210> 4377
<211> 725
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(725)
<223> n = A,T,C or G

```

```

<400> 4377
tttnacactt tngcnacttg ttctttttgc aggatcccat cgattcgaat tcggcacgag      60
gttttttttt tttttttttc acgcttaatt cactttattt ttcttgata aaaaccctat      120

```

gttgtagcca	cagctggagc	ctgagtcgcg	tgcacggaga	ctctgggtgtg	ggtcttgacg	180
aggtggtcag	tgaactcctg	atagggagac	ttggtgaata	cagtctcctt	ccagaggctg	240
ggggtcaggt	agctgtaggt	cttagaaatg	gcatcaaagg	tggccttggc	gaagttgccc	300
agggtggcan	tgcagccccg	ggctgagggtg	tancagtcac	ngataccagc	catcatgagc	360
agcttcttag	gcacaggtgc	ggagacgatg	ccagtgcctc	tgggtgcagg	gatgaggcgt	420
accagcacan	agccgcagcg	gcctgtcacc	ttgcaaggga	cagtgtgggg	nttgccgac	480
ttgttcccc	agtagcctct	gcgcacgggg	acgatggaga	gcttgggccag	gatgatggcc	540
ccacngatgg	cgggtggncac	ctcctgggag	ccacttaaca	cccanaccga	cttngggcaa	600
aanggcctta	aaccggtaaa	aaggcctctt	tnnttgccgt	ttttncnat	aggnttcntg	660
ccccntgna	cangctttna	caaaaaatct	gnnttttatt	tanaagggtg	gnnaaccccc	720
ccnng						725

<210> 4378
 <211> 1050
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1050)
 <223> n = A,T,C or G

<400> 4378						
nnngnncccn	nnnnnannna	cgnngcgccn	acnncggnnn	gnangcgccc	cnncgcaccc	60
ganangnacn	cnncnagngg	cntncnnan	angacggngg	nnnnnncaca	nnacnncgg	120
nacngngcn	ccgangnnnn	gcegnccng	cnncnccgg	ngccccnttn	gaaacnctng	180
ggaaatccga	cacnccnctc	ngancagcc	anaccennac	cgncggggga	ngcnaaaanc	240
nnacggcan	ngngncgngn	anacnancnc	ggnnncgcn	ggncngaca	cgnacnccg	300
ccncngncc	cngncggcgn	cangngaaag	ggngccgngg	ccngncggn	cnacnccgc	360
cagnnanncc	ngnnccgngg	cacngnnccc	ngccgcncnc	nnncgtcncc	acnncnccg	420
nnanccngcn	cggncagntn	cgcagagcna	ngccgcgaa	gaaaaccgcn	ngcngngcgc	480
cccacngggc	acnacgccag	cncccnngc	ntagnggnca	nacnnanccg	ngcggngng	540
ncnnncannn	gacanangcg	caccacggcg	gcnaggccna	ggacgaanng	gcgaccnngc	600
gagccnanga	nnanccggna	tngccanaac	cncaacggcn	ncngnnacgc	gnnacngggg	660
cnaatncaat	cgcnnnganan	gacacancag	nagcgcctgc	nnncgcnan	ncgnnacact	720
cacacnncac	cngnggccct	caagngagcc	gccantngcg	ngnnncaaag	cangcanngg	780
accatanng	naacaggcac	aanggcantc	gcacnanggc	nnccngggann	caccccnata	840
gcnacggggg	agcangaacc	aagggcggn	cccgtcccn	nggcnaaagt	cggncaggct	900
gcacnggncg	gncncannaa	gacggnacnn	nnngnncaccg	ggagggaccc	accgcncnc	960
acnggggggn	ncnanggn	ccacagggna	cngnncgcn	nncccnagn	ccncanggg	1020
nacccgnaan	ggnaaggcnt	gggggccccg				1050

<210> 4379
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(731)
 <223> n = A,T,C or G

<400> 4379						
tntcaatnct	nggctctcgt	tcttttgcag	gatccctcga	ttcgaattcg	gcacgaggtg	60
ttcagcttgg	ctggagcaga	ggcaggagtg	gggaactggg	gacnggtgan	actagaggtt	120
ggcngaaacc	agccatagta	gtttttgcct	catttgagca	acaaggagcc	atccaagaga	180

```

gagcgggtgaa gctgatgggtg acacagccat ggcgcatgga aataccccca gtggctgtgt 240
tgtaggggtat attgggttgg ggaggggacaa ggtcaggagg catagactcg acatcatctg 300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaaag 360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaaa 420
ggtaaggagt aagagaagat tcgagattga cccccagact cccagtcctg ctggacatgg 480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tgttgagcat 540
ggatagcctg cgntccccaa gagaangagt tccagctgnc ttgtaataag ccaangcnaa 600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn 660
ttanttaann anttcccccc cctanattnt tcttnggnt ttaaanctng naaacttntn 720
tttacnnttt c 731

```

<210> 4380

<211> 731

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (731)

<223> n = A,T,C or G

<400> 4380

```

tntcaatnct nggctctcgt tcttttgcag gateccctga ttogaattcg gcacgaggta 60
ttcagcttgg ctggagcaga ggcaggagtg gggaaactggg gacnggtgan actagaggtt 120
ggcngaaacc agccatagta gtttttgcct catttggaca acaaggagcc atccaagaga 180
gagcgggtgaa gctgatgggtg acacagccat ggcgcatgga aataccccca gtggctgtgt 240
tgtaggggtat attgggttgg ggaggggacaa ggtcaggagg catagactcg acatcatctg 300
atgtgattca ggacagaatg gcgagcctga agtgaagtgt ctgtaggata agttggaaaag 360
gaaggaacca atatgagata ttaaagaagt gaaagctata ggtcccagtg ccttaataaaa 420
ggtaaggagt aagagaagat tcgagattga cccccagact cccagtcctg ctggacatgg 480
gagatggaat agaagttgat ctcggtgtgg tcanaggaga gcagtttctg tgttgagcat 540
ggatagcctg cgntccccaa gagaangagt tccagctgnc ttgtaataag ccaangcnaa 600
ttatggngna gatccaccct tgggagcnac ttccttaggg ggccnacnct tnntagcccn 660
ttanttaann anttcccccc cctanattnt tcttnggnt ttaaanctng naaacttntn 720
tttacnnttt c 731

```

<210> 4381

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (890)

<223> n = A,T,C or G

<400> 4381

```

cnttcttnan nnnatnttcg aagnnnnnnn nnnentntna gttnnnnnnn ntcngttct 60
aatgcttggc tancnnggcg ctcaaacgcn ctttcaaacc nagctctngn tcttttgcag 120
gncccatcgn tcgaatcggc acgaggctgn ttcctcaaga aaatgaagag ggnaggatgg 180
ctcagggaaa gttnatcaga gggnaaatgt cactctgtaa agagtaaaaa atttaggatg 240
atgatncnga tctgggaaaa aaaggcatag tgaagaccac ttaaaaacaa acaataaaac 300
ctatgaagggt gcatgctatt tcccanagc taaaaagata agtgaaattg tgttttgaac 360
tcttaagtgg aggtgaagca caatttatta gccaccaacc acataagtga ttatgaagta 420
actgagaaac aggtnacatt ttttcccaca tggacaaaac tttctcttct tagaatatta 480
agtatctatg atnagaaatg aagtagcatc tcaagcagtt tataaatcta ccagaatatt 540

```



```

agaatcacct gggacctttg aacgtactca tgcccnatng nctacctnta ttcatttntt 600
tttttcgtaa gatattgggg acttcaactt cnggnettaa aangateent cccacctccg 660
gccctcctaa aagttgttag ggattntcaa ggccttgagc cccntgtgg genctgcct 720
tctnatggtc ntgcttttng acccaattta natnnaatca tcttgngngg ttggnncnc 780
tgggcctnta aagnatnttt taaaaanttn tccnaanggg gncnactnaa tttcttatcc 840
tatcgatttg tnnanccnc nggcctaata ccttgnnnat ctctttneet 890

```

```

<210> 4382
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 4382
gggggtanga nccctttgan accnattgct acttggttctt tttgcaggat cccatcgatt 60
cgaattcggc acgaggaagg atccagcatt cggaggcaaa catgaagctc catcctctcc 120
aatttcgggg caaccatgtg gagatgatca aaatgcttca ccttcaaaac tctcaaaggg 180
aagagttaat acagagtatg gatcggttag atcgagaaat tgcaaaagta gaacagcaga 240
tccttaaact gaaaaagaaa caacaacagc ttgaagaaga ggcagctaaa cctcctgagc 300
ctgagaagcc cgtgtccct cctcctgtgg agcagaaaca ccgcagtatt gtccaaatta 360
tttatgatga gaatcggaaa aaagcagaag aagctcataa aatttttgaa ggtcttgccc 420
aaaagttgaa ctgccactgt ataaccagcc atcagatacc aagggtgtcca tgagaacatc 480
aagacaaacc aggtgatgag gaaaaaactc attttatttt ttaaaagaag gaaatcatgc 540
cagaaaacaa agggaaccaa aaaaatctgg ccaccgttat tgatcagctc atggganga 600
ttgggaagaa aaaaagtggg ncagaanttg aaaaataatc cttcnggagg gaaaagctta 660
aaggaaagcc aaanccaagg gggaatttct tttgnaaaag ccagtttttc cagaaaantt 720
cggaaaaacc nanggaggaa ccagccangg aaaaagattt ttcancecga aatttgggggc 780
cannaangg

```

```

<210> 4383
<211> 1266
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1266)
<223> n = A,T,C or G

```

```

<400> 4383
angntttncn cccctttttt tntgaaaaac cccccctttt cgnanaactn cccngtctn 60
cctgatnntn gcgangmnt acgcccata gggatttctg taattnnngg cctaccggca 120
gnagangatt atngntatag naaaantttg tggatttgn tctcntgtca tccgnetggc 180
ncannnatct gtnganaanc ncnnnntnt tgggttacat nccanntctn agttnaacgc 240
tgtaaactnt ngagatnncg tngnagcagc ancgccctct ntcattggctc nnatnacttc 300
naccanaana tagtatangn ngcnntttg agcagnccc cnatcntncn acgacnante 360
gctaanangc ttctacgatt cnntttttgt nnnactngtn cctttannat ccttnncnnn 420
taangeenan ttgtngnana ctancgcact ntgcaaaatn gntantntt ctaactttna 480
taaaatgnna gtgcnaatac ngntttcann nttannnnat anaaaaagga antngantcn 540
tgtntctncc cctttcangt anangnnnc ctagnnngat tcnntnngtn anntattctt 600
atancgcng gttagaangc ctactttgtg ngtannattt ctcttctatt natnnngttc 660
ctctgttnta cntnnntgaa ncnntttagn angaaggacn gnanaaacan naccnacngc 720

```

nnnaggntnt	tnnngentan	aatanngant	acttctnang	nccnnttcac	tttctnatagn	780
aaccctccgt	ntgtgagncc	tttctanttc	tnatacnaat	actctttnga	tnccgccacan	840
ttntnnntan	ntntnnnnnt	tnntnagtnn	atgttnnncc	agcannttct	cnntnccctt	900
ctnnnacnaa	ntntgnaaan	nngetttctt	nnnnacntag	tngnannnat	caanccctnt	960
ncnctgtgcg	tentnanata	ttncnnntct	tantcnnnch	ncntanateg	nggcntanat	1020
accnactnan	ntataatatg	ngnncctngtc	gntnatcttc	aggcattctc	tgngntnctnt	1080
ntcttatenc	cntcgtntcg	tgtnccnngct	agnnntanta	ntancgtnan	ncatntcagt	1140
atacnntctn	tentgtgngn	gcatacncta	nnaatntact	gntnctcaen	ngcntgacnt	1200
acgntangan	tngaanggag	tgccccgnnn	tgchnaatnta	tctcncgcac	ctntaccnac	1260
tntnch						1266

<210> 4384

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(785)

<223> n = A,T,C or G

<400> 4384

aggggtnnnn	nnnnnnnttt	gaaaggcggt	nnnnnnnttt	nnnaatatna	gtactttggt	60
ctttttgcag	gatcccatcg	attcgaaatc	nnccnccgagcn	gggnccgnang	nagccatggt	120
gcccagccgn	aatggcatgg	ncctgaancc	ccacttccac	agnngctngc	agcngcnct	180
ggcnnctngg	ctcaacnagt	cgntccctgga	agaatccgna	nacgtatggg	cnggacaagt	240
cnaggcgac	cgcattngatt	gacacgccnn	ntgtccgggat	cccatgnggg	tcattttgcn	300
catgncncan	gggtccgntgc	nacacanagg	tgctcagccg	agcnnnggatn	tagnctggag	360
gagcttaggg	tgncccggnnt	tcacannann	gtggctccggn	ccattgncnt	ttgtgtngat	420
nnngnagaggc	anacangnc	cannngnttcn	ctgcatgccca	acgtgcagcg	gntgaaagan	480
tcggattcan	actgatnctc	ttcncnccga	agnnttcngt	ncctanaacg	gagacanttn	540
tgnttaaaga	actgataact	gtcannccgc	tggaccggan	cgnttatgcn	cttccctggaa	600
cgtntnnnn	aagganaaaa	ctntaatttaa	tactttggga	anagaanaat	ttnanagcct	660
tcnatangtt	tcganttggt	ccgtgccaan	nggcccgggt	tttttnacct	nactnnccaa	720
nanganccca	agggagagcc	ttncacang	gatngtnaaa	agaanaanat	taancncct	780
ncntg						785

<210> 4385

<211> 967

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(967)

<223> n = A,T,C or G

<400> 4385

nnnnnncann	annnnnnnna	ngnnnnncnna	ccannnnnnn	cnacnnagng	nncccgetec	60
aaagccggca	anncccgcn	cngcnnnnntc	aaacntgca	ngccggcacnn	gnngnncccn	120
acgangccgc	agcgcgcgng	anacngngct	gccaagaaan	gngngcncan	agnccggcct	180
ngagaacagn	acagngganc	gtcanaagca	gngggangac	agacgacnga	ngaaacntag	240
agcccagggg	nagcnggacg	acggaccagn	tcccaaagge	ngnggcccaa	agcngacnag	300
ntnnaggaag	aaanacngng	gacacaaccg	gagacanccg	annaggagcn	gacnganntg	360
gacccanang	gcaagaagca	ccnaaacang	ncacccacca	nacgaccggg	gaaggcacga	420
acggctngag	cacgagnaana	acnggaacna	ancaacgcgc	acacannngng	aganagaaac	480

accncaaca	ancnaancgn	gggaanangn	agaccggacn	cagaagaang	gcncagann	540
cggcanngaa	cccnaancn	gacggaannc	agggncggng	ccaacaagan	ggcnangacn	600
ggncaanmna	nggccggcnn	ggaaaaacga	ccaagnngnn	cnccaaaaaa	gacanggcaa	660
aagnaaccgg	gcaaaggcca	ancncnaagg	nnaagccca	naacgcgcgn	nnggagcaaa	720
angnnccaag	ngaggancna	aagangggga	aagggggccca	cnaagngggc	ggnaannngg	780
cgaannnaaa	acanagggng	ggggccacng	gnaaacccaa	gcgcgaaann	ccnggcncna	840
agggccccga	aaacangggg	ngacaaaaac	ccnngccaaa	accnnanggg	ngggncccat	900
cgngannaca	naaggngaac	cgnccaaggg	ggcnaaaagg	aaaggccatn	nnaangnaaa	960
agagccg						967

<210> 4386
 <211> 1118
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1118)
 <223> n = A,T,C or G

<400> 4386	
tnggcttttna	atncccttttc
tccgaattcc	gggcacgaag
ctggctctca	acccatgttt
gctcttaaag	ggccttactt
acttggantt	nccttnctgg
aatncttttt	ggaaaactttt
nccaattgna	ngaaaantntt
ctccnatctc	ttttgntaat
ntnagtcttn	acanccagat
nnntatnngn	naacttcnta
nantnttnga	aantacaact
nnngnanaat	gnnaaatgnn
nangcgnann	canttcatnn
agncatgntc	ttntgttagc
ttnnegntaa	ncncgcttna
nnatacannn	tgnntganaa
agnatcntan	cgtgnaatna
nntagagcnt	catntcnnng
cnnctaataa	aagngnnnta
nattccaatg	cttggnnact
gatctgcccc	caggtattct
aaaanggaan	aggggtgactg
aatggggacc	ctaaaaattt
gaaaaatttg	ggcaccttca
ccttggnncc	tttaaanntt
ttattcatta	aaaatantnt
gnatnctcaa	ntntacnata
antataant	tgntnananc
gnntgttnnga	atgttcana
aaancntcgg	nannngtgg
gnttcnang	nntctananc
ccnatnagtn	acctcncgna
atcnnncnat	cnagantcca
gntatcccn	tcgngatgtt
ngntcnngga	naatctnagc
cgngngtgcc	canantcgcc
taatnctgat	atnttntctc
tgacnccg	

<210> 4387
 <211> 486
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(486)
 <223> n = A,T,C or G

<400> 4387	
gcgcttttaa	gctncttggt
tctggcacag	ccagagtcac
nctgntttgg	agcactagnn
ncgcnngngg	cttgcnttct
gatcccatcg	attcgaattc
agcagtcatt	catatcagcg
gcactatccg	gngcgnntat
ttntttgnna	atntcaaaaag
ggcacgagac	
ggntgccatt	
ncnaagctgc	
tttctaatacc	

tnatgceenct	ttttgggnaa	anncaagann	aagtcaatcc	tncccttggg	gatccngngt	300
ccccenttca	atcacgattt	gtnggnnntc	acncgattta	tntttacnan	gacacaggnt	360
tattganeng	ttangttntt	aacatctngn	aanctnaant	gtngctgnat	gnaatgngcc	420
tnnncanttc	ccatnacntt	tgccccctncn	ngnggngccc	tancgtngtg	ngnntnaatg	480
ccnnan						486

<210> 4388
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4388	
tncccttng	aaatcncctt
ngaatccnnc	acgagggann
nancatcnac	agtgcnnntc
gattaagatg	gcccttgctc
ataggatact	ttntntgtta
annnatataca	cnttntangg
nggagggtat	tcatntnnca
aacnnntgca	nnaagtgtat
ncagcctttt	ctgggagcac
ganntgtnac	tggaaaatnt
ncaannngntt	atttncntct
aaccaaaatt	tcntggtatt
gnnccnannt	atTTTTTTTg
ctaccattt	ttnananata
nt	

<210> 4389
 <211> 628
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(628)
 <223> n = A,T,C or G

<400> 4389	
nnnnntannn	ntctntnnnn
nnannctcnn	nnnttantat
nanatnnnnn	nnncnnnnnn
ccagtatccc	atcgnnncgc
acgggtnttt	tcatncgggt
acatattnat	acgtntttgt
tattatgtac	ttntgtgtga
acttggtgagt	tnnttntctga
gagaagttat	ngctattngt
agctcttacc	atgggttgaa
cccagcatgc	ttgtntggta

<210> 4390
 <211> 676
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (676)
 <223> n = A,T,C or G

<400> 4390

atncttggtct	cttggtcttt	tgccaggatcc	ctcgattcga	attcggcacg	aggagttttt	60
tttttttttt	tttttttttc	atttttataa	aaatgtgttt	tattgtttta	aaacaagtct	120
ataaaagtag	aatcacatn	caaaaataca	gattactctg	acatgttggc	aaaatagctt	180
atggctggac	ttgagtttgg	aagttctgta	tgtttgaggg	catccgatgt	cagagtccaa	240
ccggatccta	accccagctc	ttgtcactaa	tagtaaaagt	tcaggtatta	tatcatagca	300
ccgactgagt	gataggtgtt	ggaggtagtt	gagctggaaa	aattcctgaa	agcagtcatt	360
ctttagcatg	acactatcac	ttaagtctag	atggacaaga	ttggggcatc	ttctaactaa	420
agtagagaga	tctgatttct	ggagattcct	tctgtagccc	gctaagattc	agctggggtg	480
atggtctctg	acacatgcgc	aacagcacct	gtcatgcttt	tcaagtggaa	tcaaaccacca	540
ggagaggtca	ctatccagct	ggacagttgn	tnccaannnt	gcaggcaatc	aggaatccga	600
cccccaaagg	taatcccta	attgagtttt	gcanagnttg	catggaccca	aaccgagctt	660
cagcttaatn	tgactg					676

<210> 4391
 <211> 946
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (946)
 <223> n = A,T,C or G

<400> 4391

ttctaagtct	tggtctctcgn	ncttctgcag	gatccctcgt	tcgaattcgg	cacgaggntg	60
tcacangnnn	nntgtntcca	caggcaccac	tngctangtc	tnacctgtgn	tgnetgttnc	120
aacncggggc	tangnanget	ngtattccac	ntggataact	aanccntggt	cataccgncc	180
ntgnacgtgg	naccngctnc	naggagatgc	aacnanacat	tctaagatgc	ttatgatcct	240
tacntgtatc	tttctntttg	gngattcttt	tanattggat	gttgcaatgg	agntgaatna	300
ncttnnnnnc	ngctctnntn	annnccnntt	nnatangnan	naactttncn	nnnnactaaa	360
tngnccactn	atactaagt	gcttagatgc	atatnttacc	ctcttnaagt	gntaaaaccc	420
tttagaatcc	naaggaccag	ngtcaancgc	aacanncttc	taggacctat	gcgaagctnt	480
gacttgance	ttgggggata	ccntgngngt	tanctcngat	natgtttcgn	ggaccngcnt	540
ngacncatnt	anagtnttgc	nncattggna	ngnccctgtt	aaatccccaa	ntnggaaanc	600
cnnttagggg	ttttanange	ttngggaacc	ccnnccccgg	gntctttgtt	gncccccgat	660
atgngggggn	aaaaccgggt	tcaaaaaaag	ntcnaacttt	ggggttnant	ttaaaatttt	720
nggggncctt	tttggangta	accctgngna	aggtgcatan	atattgggcc	gggaantttt	780
ttnggtgggg	ggccancctt	nggngggctn	ncatttanaa	atggcttaaa	naaaanttta	840
accnccaann	antcnnatnn	ncnanaaacn	ncnttcengn	acaanactcc	cttnnaaanc	900
nnccnnntcn	aatggtcaaa	aantnttcaa	ggancnggnt	tanaan		946

<210> 4392
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (721)
 <223> n = A,T,C or G

<400> 4392

caaatcnnng	gctcttgttc	tttttgcagg	atcccatcga	ttcgaattcg	gcacgagggt	60
ggcttgggtgt	ggatgcagg	tgctctcaag	gaggatctgg	atgccctcaa	ggaaaaat	120
cgaacaatgg	aatctaata	gaaaagctca	ttccaagaaa	ttcccaaact	taatgaagaa	180
ctactcagca	agcaaaaaa	acttgagaag	attgaatctg	gagagatggg	tttgaacaaa	240
gtctggataa	acatcacaga	aatgaataag	cagattttct	tggttgacttc	tcagtgtaac	300
cacctcaaa	ccaatgttaa	gtcagctgca	gacttgatta	gcctgcctac	cactgtagag	360
ggacttcaga	agagtgtagc	ttccattggc	aatactttta	acagcgtcca	tcttgctgtg	420
gaagcactac	agaaaactgt	ggatgaacac	aagaaaacga	tggaattctg	cagagtgtata	480
tgaatcanca	cttctttgaa	ggagacttct	gggaagcaac	ccngatcatt	tccgcacctt	540
nagccncatt	tagaactttg	acnattaaaa	cccccagtg	gaaatttgaa	ccagatgggt	600
gatananctg	ccacttttga	aaagacaagt	ctttgggtca	antcncanc	ngaccngntn	660
ccgtaaaaat	ccaaagcttt	nnggaaagaa	gaattnttnn	aaattcttag	ggnttccaac	720
c						721

<210> 4393
 <211> 1102
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (1102)
 <223> n = A,T,C or G

<400> 4393

gggggggngn	nngggggng	nnggnncngg	ggggncngga	gggggnnnnn	gggcaggngg	60
agggtnaanc	cggtnnngnc	nnngnnncnc	ctagngaacc	cttggaaann	cccgnagcag	120
gnccaacgaa	gcgaaggcgg	cacgagaagn	ggaccaacgg	gccancnggc	nnggttnntg	180
gggccaaagac	gggggancnc	cncnnngcng	gggggggnaa	ggaggggcn	nccngggggg	240
nagggnaaaa	aaancncng	agnnggnaaa	ggganngggg	ggngangggg	ncnggggaac	300
cnnagaggaa	ganaaggggg	gcgggcnana	ngggngnana	aggggnnagg	gggggnncng	360
nnccgncggg	anngannnnn	ngaggagacg	cccngggggg	naggggaaag	cagaaggggg	420
nngcngnnca	ngggggganc	angggggnga	cncggggang	ggccnggagg	gggcgnaaaa	480
cngnggggcc	ccngggnggn	ccngggggag	nngagancgg	aagngganana	nncagnaagg	540
aggngngnnc	gngngggggg	ggnnnaaagn	ncaggggagcc	cngnnngnna	ggnggccnng	600
ggggccnggg	gganagggcc	gacnagnggg	gggncangng	nngggggng	gngccgnnnn	660
gngcaggngg	cgangcangg	gnggacggng	ggaggcacgn	gggngnangg	ggggcgaggc	720
ngngggggag	ngncgcgagg	nnganngggg	ggggggngaa	gggngncggg	gganancngg	780
gggngngggg	nagggngggg	ngcgnngggg	cgccggcnag	gngngnnngn	ggggagggga	840
ggannngggc	gggagnggnn	ccgnnnngcg	ganngnnngan	gngcgggang	gnggcgcagg	900
cngngggggg	cgcgggnggn	ngnggganng	ggngagngg	gcgnnggggc	ggancggggg	960
gcnnggagang	aggaggnngn	ngnnnggggn	ggcgggnggn	gcngagaggg	nggncacana	1020
ancgcgggng	gngngngcgg	gccgggggga	nagnnggggg	aggngagngg	ggangcgcga	1080
gggnggggng	ggagggngng	cg				1102

<210> 4394
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (762)
 <223> n = A,T,C or G

<400> 4394

cnacangnga	cnggnnntgg	nactcgctct	ttcccnnggca	tccttgnaga	canagatgnn	60
naaggggaag	angntngaaa	accaggntaa	aantttttan	gagaaaggca	gaggatgctc	120
aagggnaann	aganggaaat	nnagtnnacc	ncnntnnccg	nantggncnn	tatgnnnaan	180
ncnncgnata	annngntctn	tntgnngaag	acagatccca	gccttggatg	gcttgatagn	240
cgatggatgg	aaancgatnn	gggncatttt	aaanaggcct	nnangttaca	ttcnnagnat	300
atnnntaaga	gatagnnat	ncaaactntg	atgaangtgg	tgatgcagga	ctgaagcatg	360
gtccactaca	atgaancttt	nttccnntng	gncaanggna	tggnatgatga	tcccatenca	420
gaggatgntn	ctgnaccaga	ggngcctccc	attntcgctn	cnaactgccc	taactancec	480
atantgagnt	aacatgtccc	ttcatnttgt	tacgtctatn	nagacaaatg	ctttntcttt	540
nncttgcttg	accenatctt	gncttnccnt	tcagntaant	nnagaacaca	ttnttanenn	600
tcnntggcca	tannggttct	aacttnaaac	cattttacct	nttaaatttt	gtgattatag	660
tnngtggnnn	tncntaaggg	naanaagatt	gcctttcaac	ttttgngagg	ggaatttcgn	720
gnttgngtaa	antnatTTTT	tccaaactct	ttgaattttt	an		762

<210> 4395
 <211> 578
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (578)
 <223> n = A,T,C or G

<400> 4395

gcncgncgaa	nnannacngg	nnanngcccg	gnngaannan	gcncnnngan	nnccgaaann	60
aagangnnnn	nnannnnnnn	nnnnnnnnnn	nnnnaaacct	tgaaanccgc	cgnnngnngg	120
ncnctcggtg	tcgcanaana	cacaangggg	aggaaggggn	gncaannccg	gttgggggtg	180
aaggggaaaa	ggacacgaac	nnnggntaan	ggagcaaga	nttacacggg	cganggganc	240
cgagccngtc	ccctttggag	annatcccn	anaaaanatn	ganagnggnc	nggnggggng	300
nnacaggaca	cgaccgcggg	naancnngga	antggccttn	ngccggcaan	tccagaacta	360
anggggggnc	aangcaggga	gnnnacaang	ncgnnnngang	nggcagnnna	gccagagana	420
nntgacagaa	gagncngggc	ngtgccggga	nccngnagaa	aannngccan	anccaggagg	480
cccgnacntg	gngnaacca	cgnaaccnnc	ggaggnccga	ggnganagga	acacnggggn	540
gnnggancag	gagggcnnga	gggnnacaag	gnanagcn			578

<210> 4396
 <211> 898
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (898)
 <223> n = A,T,C or G

<400> 4396

tnncctttct	aatgccttgg	atagttgctt	ncnatngctg	gctacttgnt	cttntgtagg	60
atcccngnnc	ngatnnttat	gactgnnccn	ntnnnggcng	atcntttgcn	ngnttacnct	120
ngtanaccng	tngcngcggn	cgnnngaagn	cgctctggga	ancagataan	acngctgcnn	180

ggctnggagt	gnncacccgg	tacacantnt	ttatttanrn	ggccancnc	cactgatgaa	240
catatantcn	gagtgaactgc	tgaaatagcc	tttttggtt	gaacgcccac	gacagtncat	300
tangtntcnc	ttntatcatg	ctttctntac	tggnatgagc	ttcactgaac	ggcgtgaaaa	360
acttggaana	tnnatnggac	atgctgtaan	atnggacata	natttttata	cggaaaactt	420
naagtgcnc	cagttgaaag	ccataatggc	atcccataga	gaggctnttt	tgaactttgg	480
gatgctttat	tgnnccaaag	aaagatncag	atttacctga	aancttggtg	gtttnggaca	540
cctttntgnt	ttntaagcct	nntgaacaan	tttttaanac	ntttgaentt	ttnnaaaaac	600
nttgncttac	cnagnggtna	cnanngaana	atggccttcc	anggggaaatt	tctccngggg	660
tttccccngg	aaaaaanant	tncnnnccag	gggttttttg	aggggattcc	aaagtntttt	720
ntaanancng	gggggtttnc	naaaaaaaat	gggggcnnca	atnggntttt	aganggggaa	780
caaaaccnnt	cnaagccct	tttnntcnaa	ntntcnncct	ttngtaaaan	gncttccana	840
ttatttcttt	tnnctanggg	ttttcttttt	ttgnaaaana	aaaatanann	ttttttnt	898

<210> 4397

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4397

gcttaccct	ttctatttct	tggatgctct	tnctattgtgc	angateccan	cnntcnaatt	60
cggcacgagc	agagctgtga	tctgccccca	tgtattctga	cccccaaact	ggctctcaac	120
catgttnaca	tgatgaaaag	aagaggtgac	tgttgatatca	gctctaaagg	cctcactttt	180
ggtgaaatgg	gacctaaatt	ngatngenta	cttnatttct	tgngtctnat	actganntng	240
gcactttata	atttnaatac	tattgaactt	tcaccatanc	cctgtctctat	aaagtgtgact	300
tgcaaatgan	gaaactctat	ctcttcaata	ttatgnacta	tatccaagag	tcacaactag	360
tgagaaaagg	acangntcta	actaccaatg	ngaggctgtg	tcttcacacc	aattcaacag	420
agtatcttgt	aaatgntgag	aggagaggta	ctttaagtca	tgggtgtcta	tcatangtgc	480
ttnacaaaac	nnnttgacaa	ctgattgggc	cttgagggtat	gaatggantt	agccaggcna	540
ttnaattcga	aatncgaagc	ttcaangaca	gatttantaa	cnctttgnga	gnagtgtgaa	600
tgcagcaaga	tgttacgaca	anttgntact	gnnccatggg	aattttacca	aagtgtgna	660
attgnagnna	antgctnatg	gaaaccttga	aaggatntng	ctttgnggcn	cacgcttgaa	720
cnaangnctt	cggantgcnt	annaaaaagc	ccnaatgcnn	ntccancnn		769

<210> 4398

<211> 1466

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1466)

<223> n = A,T,C or G

<400> 4398

cnntctcaat	nanntanntn	nnancantta	cactncance	netataatna	atacatatcg	60
ggggatntta	tctncctccc	antancnttn	tactnctccc	cattatntct	nttncccata	120
catattctnn	taanctnnat	ntanatcttc	aantataata	ncnacccaat	ctatnactac	180
nnntacttna	antctccact	nttnegntnt	nccannccnn	tnatattatn	ccnattnaat	240
cttnnccncc	nttanacctc	ttcntttacn	ttaaactcat	anctcattnt	naanannatc	300
ntcnttctna	tctcaaaten	nntcnnaaac	ttcatttcta	tttnnatact	tttncnata	360
ancttcantt	atnaatcaan	atnncttttn	tnntanctcn	tnntnatntnn	cattntcctn	420


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ccantantan ctntnttaan acattentent ntctatcaen nctnaaccta tntantntnta 480
cntntntatct ctntctntctn tectactcac tataenctca ncatatactc tacnanatat 540
acattatctt cntnccatct caccattnatc tatntctcac nnnaatatnt tncacctcca 600
ctntctantc tatttanctn tcantncttc tccctctctt ntntcttann tccctnccat 660
ntctctcann ctntctntca tatgatcact ntgnngttct atactntatn canactcaca 720
tcgatttact nactntanan accctantnc tatatactat ntaatntca tcatatntcc 780
aatattcnta aaccnncaat tactcccaact antatntntt cctactttta naatgactng 840
gtaatcatna cttaataactn tttctctcatn accatntttac cmntactnt nactctcttt 900
atcatcatnt ncnttanatt tcantcatac ttngtaattt tttntttctc antatatnaa 960
nttatcnaat tttaccgtct acacatactt cattatctac tatctctcac tatacttntn 1020
tactnatntc ttatctatcn atnctatctc tntnnacatc nctnctnna tntcactcc 1080
nttctctcac natanaactt ntatcttaca tctctatata tacnctact catttatcaa 1140
ctctntcana acannmntnn tntntantc tannannccn tatttnatac ntanacatag 1200
actntcacnn aatntctctt tatcactntn tatannatac actntttcta tactacttn 1260
nttctncata tntatcncta natntttatc cantantnn tntcnccnat tnnaaanant 1320
tacagcancn aaataaatnt ttattnttct acctntttna tcttgtnccct tccctnanaa 1380
tttaattnnc tnnctnctct tnaaactnca cccntatcac cctntcttc ccatntntna 1440
tcattacaat cattnnacta actanc 1466

```

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<210> 4399
<211> 741
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

```

```

<400> 4399
gnttaatgcc tttcnattgc ttggctctcg atctttctgc aggatcccat cgattcggtc 60
ctacccaaac ctgtggccgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt 120
taaataatgt gctgaataag ctacagcaact aaaaaccatt acccaagaac gtttcttggt 180
agtgaactga tttattctga ttcattatat tcccttttgt agattttata ccccttgggg 240
aaataatata acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga 300
ggccagatgg tcagatatga tttctgcaaa cccatcttga ccttgagtat gtgaaggggt 360
actgtacttt attcctgata cattttggtt tccatgtagg tgttgagctc ctggntttct 420
gtgtttggat gatgaagatt tggacccttc cattcataat ccccttctaa gtgaagggag 480
aggctggctt ggctgntcct tgntattccg aaagccctgg tttggggccc atgttcacac 540
tggctctcag tctagtcagg tgcaatgttc ttgagagggt gggacctaat tattaccaga 600
gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt 660
ctacctgaaa aaangnanan gnnccctnct tgattanctt cntaatcctt nnnnatnnaa 720
ncntcctna annantttaa t 741

```

```

<210> 4400
<211> 768
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

```

```

<400> 4400
tnnnttcngt tnaactcggtt ganttcctat acaagctact tggtcttttt gcaggatccc 60

```

```

atcgattcga attcggcacg aggcctgatt gaggaagaga acatgctggc accatctctg 120
aagcagtttt ncctacgagt ggagatttgc catcctacat tccagtgagg gttgctgaaa 180
aaatcctatt tgttggagaa tctgccagat gtttgagaat caaaatgtga acctgactag 240
aaaaggatcc attttgaaaa accaggaaga cacttttgcg gcagagctgc acccgtctca 300
aacagcagcc actcttcaac ttggtggact ttgaacaggt ggtgggacgc cattcgcagc 360
actgtggctg agcatctctg gaagttgatg gtagaaagaa tccgatttac tgggtcagct 420
gaagatcatt aaagactttt accttctggg acgtggagaa ctgttcaggc cttcattgac 480
acaactcaca catgttgaaa acaccacca ctgcagtaac tgagcatgat gtgaatgtgg 540
cctttcaaca gtcagcacac aaggtattgc tagatgatga caaccttctc ctctgttgca 600
ctttgacaat cgagtntcac cggaaangga gcacaaagat gctnctcang caagaanaag 660
ggccttctcg ggaaacttct tncctcgga aagccctgc antcttggt gggcagccct 720
angtcttttc ttacaaaagt acaagtgggc ccccccncnt ttttanct 768

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<210> 4401

<211> 463

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(463)

<223> n = A,T,C or G

<400> 4401

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tttcatnntt tacaagctac ttgtnccaag atcccatcga ttccaattcg gcacgaggct 60
agaagttcaa cgggagacnn attatnncca tngnanactt ncggaacctc gggttctgag 120
tngtgccttc ctcaactgcn cgggtgagcc ttannccctg gnttgtgcna naannanacc 180
tnngtttant nngntncnc nnnnnctct taaanncta nnnntnnag ngetntaaan 240
cccangtgag ctnatnaanc aanaattgga gcgnattgca tccngacta gngcggatga 300
actntntaca gatgaccnat catncttctc tgagccaang ngganaacnc tgccgctata 360
gacntggcn atnactcnnn nttgacatna gannatnnnc taacnntncn aanattncta 420
ggcnntccgn ttctcangnn ttatntttaa canctgnttc atg 463

```

<210> 4402

<211> 773

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(773)

<223> n = A,T,C or G

<400> 4402

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aaacatcttg aaccctgttg antnctata caaactnctg gatgnttgng cnggatccca 60
tcganncnaa tncggcncga gggcatagtc agacntgttn tnaaaaataa tnatnatnan 120
nnaaccagtg gtggggtnat tctttngat tactattatn ttgttctcag aacaattgat 180
ttnantttta tagactttct agcccttata taataatnct gagtntctng ccnncataa 240
aaanctggaa aannnctgat cnagaaanaa nnggtactac tntgangaat ntttangact 300
atnatactga gtncaatatg naacacaatt cngcgtnnct ncctnngatg annctaaaa 360
tatttgaaaa tttgattgna tnaaanagca tnttgatac cnggaganac tnatgntcnn 420
gacattanga catnctgtnt gnnngangct cccgtnnna ggaagccant ntccnmaan 480
actaccttgn taatataacc ggganccggc tttngnacct gccattntat tgatnanatt 540
naatgttnat atncnggaaa aaannggctc atgccgtgaa atgtggggtn catnacaagg 600
gaaaagtttt ctggnnccgg atnacttctg gnnanaactc angttctnnc ggactnngat 660
ntaatnctc ccttttgcta ggtttctctc cagganncng nttcnaaagg cgaatcaaat 720

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gccngccaac atttcaaatt ttnaaganng gggnnccnch aaaaaaaaaa aat

773

<210> 4403
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (777)
 <223> n = A,T,C or G

<400> 4403

ttcnantctt	ttctaaatnn	cnggtcttgn	tctttctgca	ggatcccatg	cgattcgtgc	60
tatttgtaata	ataacaataa	agagaaatta	gaagtgggnn	tcagggtaga	aaaaaatgca	120
aaggccttgg	tccttaggag	accaacactc	cagctgagct	ggccttagcc	ccagccctt	180
ctaatttctc	tttattgnta	ttattattat	tttctctgct	attgtaatat	ttttttgtta	240
attaaatggt	ttggtcaaaa	aaaaaaaaaa	aaaaaanaaa	aaaaaaaaac	tcgagcctct	300
anaactntag	tgagtcgtat	taccgtagat	ccagacatga	taagatacat	tgatgagttt	360
ggacaaaacca	caactagaat	gcagtgaaaa	aaatgcttta	tttggtgaaat	ttgngatgct	420
attgctttat	ttgtaaccat	tataagctgc	antaaacaag	ttaacancaa	caattgcatt	480
cattttatgt	ttcaggttca	gggggaggtg	tgggaggttt	tttaattccc	ggcccgcggc	540
gccaatgcat	tgggcccggg	cccacctttt	gttcccttta	gtgagggggt	aaattccccc	600
cttggcgtaa	tcatggtcac	tagctgttnc	ctgngggaaa	ttgnttttcc	ngtnacaatt	660
ccacacaacn	taccaacccg	ggagcataaa	ngtggttaaaa	ccctgggggg	cctaatagaag	720
tggancttac	ttccnattaa	ttnncggtgc	gcctcctggc	ccnnttnchn	gtcggga	777

<210> 4404
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (863)
 <223> n = A,T,C or G

<400> 4404

ccnnactttt	cnattangtg	nagccctcgc	ccanananat	tggcntgggc	tnaacgnana	60
ttatcttctn	acnnatannt	gtgtgcctat	tttttcataa	ttcttnanch	nangncttnt	120
tntaantggt	ccgctagncc	anannntgcg	ctaacanatc	agggcgccac	tggtgncgga	180
tnacnactgc	nattngngcn	ctntnncatt	ncnnaattgc	gcntntnaaa	tcngatcggn	240
tcacatgaan	atnanaacgt	atatnatnnn	cnaacttgag	atcttcnttc	acgggnnctc	300
tnnnacngct	tnatgactcn	tggtnacagc	nccacggntc	atcangcccc	canngaatg	360
ngactantcn	cntggancnn	nntgnaacac	ctgnccttca	cangtnactg	atnaaggctn	420
anctgntcan	gacanmctt	aanccttnch	gcttcngtnc	tggaaaccaga	aggantnttn	480
nnaaanggnt	cgatnacncc	ctantagtct	tacctactgc	anccatcact	ggaancatgc	540
taatanggtc	atgtggtcag	tgtaancntn	atcaatngaa	acncccnchn	annttnnecn	600
ntnanctcaa	cctaaatant	cnctttttta	aataantnca	cnncaatggt	nnaaactanc	660
ctannaatng	gcngttcccc	tngaattgct	ccttctcnaa	gcntgcacac	nttctntng	720
nancecnann	ntttacctn	tcgnnatecn	cntgggcntt	ncctttattn	atccacctat	780
nggcttcccc	aaagaacntn	ctnngnnnca	atcatccttg	ggannacttc	ctcctntngg	840
nnaataacgg	cgcaaaantt	nct				863

<210> 4405
 <211> 424

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(424)
<223> n = A,T,C or G

<400> 4405
cctcgaatt cnnncgagga gaaaagctnt cangttanct gtttggtta taagggaaac 60
ctgcagtcct ttctgaaagg ggagctgtga atatgactgc ttgtagaaa gatgtcttag 120
gattctgggt gaaaattttt aattcccctc atgtaggaat gtcacagagt gtacctttt 180
gacttagtat ttcttagta aaatacacct ttcttaagaa aatggctaca aagtcagatg 240
catgtaaattg ctttcagcaa gggtttattg atcatctgct ttaggctggg ctctatgtta 300
gggtgctgtg gattccattn tagtacctgt gttctcatag aattgaatcc tgntcccca 360
tatgaatttt gatgatattc acactgttaa ttccaataaa gacagagtag acaaacagaa 420
actg 424

<210> 4406
<211> 739
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(739)
<223> n = A,T,C or G

<400> 4406
gnntcaatgc tnttctctng ttctttntgc aggatttcat nnnctcgnat tcggcacgag 60
agaaaaacaa cagagagaaa agaattcctg agaatatgta gaagctttac gagcccaaat 120
ccaggagaaa atgcagctgt ataattttac ttacctcca ctatgctgtt gtggctctga 180
tttttgggt gctcatcctg atacctgtgc caacaactgt attttctata aaaaccacag 240
agcatatact cgggcactac attcattcat caattcctgt gatgtccctg ggggtaattc 300
aactcttcga gtcgcaattc ataattttgc ttctgcacac aggcggactt tgaaaaatct 360
ataataagaa tctgaaatta actggtagta ttttggcttt tacttaaaat catccctgag 420
agagtattta agaaaagctg ttcaagttat aaaatatata atctggaaaag aaatactgnc 480
tcatataata attagattgg aatcattggt ttaattctctg tctgggaacc aagattgaaa 540
gctgacttac ttctctcttc tgncttgtga accataccgg agcctattat ttttaaaata 600
tgatcagaca agtaaggctt ctcttacttt tgctctgctc tggatcagga agancctcat 660
ggtgaagtct ttgagantct cttattaatc atctttctta aactgngttt ttgagcctga 720
cagtactgaa aangctggg 739

<210> 4407
<211> 784
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(784)
<223> n = A,T,C or G

<400> 4407
cntcagcggc cntgnatcca aagntggggg cgngcgnacg anctgcgagc ctgccttacg 60
aggccgcaag ccctttttgc caccctcggn gncngnccgt tccggccgtt ttgngggcat 120

```

cancegncog ncatggcagt gaacgncng caggcncag ccacngcctg gggctanaga 180
ttaaattgac nccccnagac ccggcattat caggagnngc tangannctt nctgcatnct 240
cggnaaaacta gcataagcca aagactcgcc atgcagaant attagcanat agctgcgctc 300
gataaaggaa ngaggagnta aanaatnaac tagtgaaaac aagggagatg gtggctttat 360
cgtgggttag agctntngan ctatgatgtc atcggctaga tactatgtga aatatcttac 420
tacnnttann catgcnaatn agantgagna agnctnngac caagccccct ttaatgagnn 480
caagaaaaac tcttggtcgg tagaggaaaag nnaatcnagc tanaactcgg tgcacgaata 540
tgnntcata tccaggcaaa ccgggagnnt gttgtaaaacg gtcaggacca atggnaaccc 600
cttttnnccct ctgggggcct tnngttggcc aagggaaacgc aattaaggaa ccttaaattgc 660
nnantagnnc cnncaatttc ccggnccatg gaaannccaa ttgnccngga ntgnccccct 720
tnngnccttg cctcncccca aaaggggggt tgnccaccaa ngtnngnttgg ggaaaacaat 780
tccg 784

```

<210> 4408

<211> 1327

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1327)

<223> n = A,T,C or G

<400> 4408

```

gnnnngttnc tnccttnaa accnttgcgc tngttctttt tgcaggcatc ccatcgattc 60
gaattcgcca cgaggggcnc tgtctgcttg cngcntgnan acgatnngtt tgatcntctn 120
tnaactannn acttncnngg ttngncttat tgcagttntc atcnaacgct aacantgtng 180
tctctatnan natnttatga agnacatata tacgcttnat gancantntn tgtcanaann 240
ggncanance tatgtcgtgn gcnttntttg ncaattnnan aanangagct nanggatcna 300
nogatgtgaa agnacagctn tactctgaan acatgctcnt cnnnntngna tgtecnnta 360
cntancnaac gaaatattcc nntaaagacc nganntnata tggacataca agaanngtnc 420
ttcaaaaagg tcttttantn nanagtnttt ncncngggtt gactaccttg tagntaattt 480
actaggaatt cttggtaatc gaaatccaac ttncgcgcnn ggaactcgtt gngntcnant 540
antnataaag tggngngngn gaaancctgg nantaaangn naaccctggn cattggtnng 600
accattgng aattnacttt tatcccaagt tnggaccenc ttttaccccc anttgcccn 660
ttgtgngctt ttgcccccaa aaattccccc ctntcccat aacncgttaa nccaaatttt 720
tccgcgggtt aacaataaat tttttntan cctnaaata ccnnggggtt tcttataaaa 780
nagtcnnatn cctnaanttn centttgaaa tttccctttt cnccttctggg gccnttantt 840
tgaacccena naanttnaac ttggnccntc cncnggttta antcnaacan natttgcct 900
tacntanana aaatctccta cctnttggtt ncttcaanat ttttgaacnt taatctnnat 960
tttanannna nttaaataaa ctgtaatcnt tggaaannta ctntgnnncc cnaaatccn 1020
ttatacacat nggtnttttn atgnnaccaa acttttgagn aaccgcatng tcttataacc 1080
cncnaaattt cttecgtaac nccggggtnt cttcaatctt tacctcaaan gngaancgt 1140
tttctttgn tttcttaenn atacggctnc gtttctctc tatttttant ccantctaatg 1200
gtaattcaen ttttccgga nctctctga cctatntnac ntctctcan atctccccct 1260
aaagtctna atctcnaact tccaattntt acccccanta tcaatgtttt ccaatccctt 1320
nnttcnt 1327

```

<210> 4409

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1267)

<223> n = A,T,C or G

<400> 4409

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ggcttctacn nnaannngntn ggaaactcan negctcgann gcgcnnngga ngcnnctaga      60
tcacacggac ngetaccanc gaggaggnt ttnntnacca naatcangac ctaaagtgcac      120
ggntntatgt accctgncca ccatctngtg cctctttatc attngcctct tccntcctat      180
ntcccttgcg ttaaggaana aaaatggtgn cacaatttgt caaaagtnat tttaanngna      240
aancctnnc atganagnaa centgnantt caanncgnet nnaannnnnc tncnncncca      300
nngnggaent ngnnntcnn aacctnaect ntntntcnn gannncnna nnnccnatat      360
cntnncnnga gttnaatnnc annncanacn tttntntann nnngaannan gnnnaattga      420
nnncttgtn cgganntanc ntcangatec cannannant nccgancgna anttctatna      480
antntncnan caccananc ngtcganacn ncnncgtcnn ncngcacnat ncactgnnan      540
tnnancnna gncnncactg nanntacngn anctacnagc gctgacnntn cntntccnng      600
cnngncnngt ncngtanatc ncnncatcat ntnagatntc nnttnnatnt acnnatntnn      660
antntcgana ntgnntcagc gancntatat nngnganncn acctanagng cacannacan      720
ntcnanacga nacactnctc ncaggnatnt tcnngcgtnc tctgntgagn cncctacacnn      780
ngnncacnnc tntancagag taatencaca ctgtaatcnn tataccanaa ntctnctgac      840
gcanancnnc cnnanagcat cncnntgctg acgttnacnc atntcnacat ntngcgcagt      900
ncatntntca ntancncnaa tntcntatgn nctannngtc natcntatat atntntnttg      960
atatgnntnt ncgntancan acacgnacng ngnacanaca ncnactnna nnnangannc      1020
acncanncn tnanngcann ntnngnnnc tcgcnananc gtagnatacg ntactcagng      1080
cntancacnc gannecgan tatctcncaa nanactnnnc gctnnnnant atcactntct      1140
cntacatcga ntctcngcng atctacnccg tcagtnncnn ctgannnnat atnagnatcn      1200
ctcncatnga tnanantann aancactgnn ncnncnaacg ngtnccgnta naagtaganc      1260
gnnctcg                                     1267

```

<210> 4410

<211> 462

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(462)

<223> n = A,T,C or G

<400> 4410

```

tgnagctntt tgaactcctg ttctttttgc aggatcccat cgattcgatn atgnnnnan      60
ncactntgan ngtnnattda tnnntttctc cnattccnna actaatggga nncgggtgct      120
ggtatngann cttggggaaa atacctggag ataccagtgc agctattnaa agctgnagca      180
agggctgcaa tcttgccgag attttaaaga gaagtnttaa agtttctaact actgatgcct      240
ctttttggtg aatacaagtt ttatnaatcc tgccctggga tcttgattcc ccattaatca      300
agatttgta gacttcacct tctataatta gaaaacacag ttataagaac agtcaatttt      360
ttaaattttc caaattaaaa aattgcacca tgattttgaa caagcacttc caattncatt      420
accatcttg tatgccatag gtgggagtat aattgncaca gc                                     462

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<210> 4411

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 4411

tnnnnttttn	aannttttcc	taatgctggt	ctcgttcttt	cgcaggatc	ccatcgattc	60
gtttgtgctt	tttaagaata	tttttagact	atttcttttt	ataggggctt	tgctgaattc	120
taacattaaa	tcacagccca	aaatttgatg	gactaattat	tattttaaaa	tatatgaaga	180
caataattct	acatgttgtc	ttaagatgga	aatacagtta	tttcatcttt	tattcaagga	240
agttttaact	ttaatacagc	tcagtaaatg	gcttcttcta	gaatgtaaag	ttatgtattt	300
aaagttgtat	cttgacacag	gaaatgggaa	aaaacttaaa	aattaatatg	gtgtattttt	360
ccaaatgaaa	aatctcaatt	gaaagctttt	aaaatgtaga	aacttaaaca	caccttccctg	420
tggaggctga	gatgaaaact	agggtcatt	ttcctgacat	ttgtttattt	tttggaagag	480
acaaagattt	cttctgcact	ctgagcccat	aggctcaga	gagttaatag	gagtattttt	540
gggctattgc	ataaggagcc	actgctgcca	ccacttttgg	attttatggg	angctccttc	600
atcgaatgct	aaacctttga	gtagaagtct	ncctggatca	cataccaggt	caggaggat	660
ctgntcttcc	tctacgttta	tcctggcatg	tgctagggta	aacgaaggcn	taataagcca	720
tggctgacct	ttggagcacc	agtgccagga	cttgtcttca	tgtgt		765

<210> 4412

<211> 754

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (754)

<223> n = A,T,C or G

<400> 4412

gnnttnantt	nnnttccctt	tcaaatnctt	ggctacttgt	tctttntgca	gggatcccat	60
cgattcgaat	tcggcacgag	ggaacctact	agatggacag	gctgagggtg	ttggcagtg	120
tgatgaccac	attcagnttg	tgcanaaaaa	gccaccacgt	gagaatggcc	ataagcagat	180
aagtagcagt	tcaactggat	gtctctcttc	tncaaatgct	acagtacaaa	gccctaagca	240
tgagtggaaa	atcgttgctt	canaaaagac	ttcnaataac	acttacttgt	gcctggctgt	300
gctggatggn	ntattctgtg	tcatttttct	tcattgggana	aacagcccan	anagctcacc	360
aacangtntc	ncaaaaactaa	gtaagagtgt	aagctttgag	atgcaanatg	atgagctnat	420
cnaaaangccc	atgtctccta	tgacgtacgc	acgatctggg	ctgggaacag	cananatgaa	480
tggcaaaactc	atagctgcan	gtggctataa	cagagaggaa	tgtcttcgaa	cagttgaatg	540
ctataattca	catacagatc	actggtcctt	tcttgctccc	atgagaacac	caagagcccg	600
atttcaaatg	gctgtactca	tgggccagct	tttatgtggg	acgtggatca	aatgggccac	660
tnaaattgac	ctgaagtggg	ggancagatt	aatgaattca	aaccatagna	tgactggggtt	720
cctgtttcag	aatttgagaa	ctaaccggg	tgtn			754

<210> 4413

<211> 1119

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1119)

<223> n = A,T,C or G

<400> 4413

ncncacnnnn	cantnntcna	nanccannnc	caanncctca	cncnnnnnan	nnctctnaaa	60
ccancnnnn	gnctnnnat	nacncaang	naaggggcan	nnngattcta	gttttnntnn	120
anttttttga	aaggccnttt	cnagagtenc	ttggcaagcn	gcttctacca	gangaattcg	180
gcacgagaat	nnctcngtat	ntgntctctc	naccctagaa	tnacttatan	acgtataann	240
tannntcna	aataactnaca	ggtntnaaaa	taangntnat	caantactaa	tttaattctg	300

tttcatcana	aagcaacgacc	atcgtggcat	ngaaacttga	gttatagcct	actatcanga	360
tcaatntaaa	aaatatatat	ntagggctgg	ntgcacgtgg	tgacacatctg	taancccaag	420
tgctttggga	ggctgaggng	ggtgaatcac	ctgaangtca	cganttcaag	accaacctgg	480
tcaacatgac	nataacccca	tnectacaac	aaaaatgtaa	caaattagcn	acnggttggn	540
nacacacacc	ntatcactct	acntncaatn	gggggcccga	atncngtnga	anaatccgcc	600
tntgatctct	tnagnaaaca	tncaaangcc	tgetncanaa	gctaatncat	cattgcccna	660
cctggaactt	ccaatccntn	atngcnaanc	ancaatctac	ncaccaentg	gtcccntaat	720
atacggaaaca	nactcacatc	ngactatctn	aanantncca	nagenataan	ggnnacantn	780
acnccancan	ntttncaan	nntgccnaaa	nanatacccn	acaacaatnt	ctagnacant	840
atnnacnnnc	ntttacncat	nencncacat	ntnncccaaa	ctcnantaca	cntccntcac	900
actntcactc	ctctcctacn	tnnnncaaaa	anactcntcc	gnaacccctc	cntnnantat	960
acctcatnta	taccnnanna	atctcctaac	attttaccat	ntctcntnat	ncccnnnaca	1020
cactttnnct	naacnnntc	tcnanataac	gnaanntana	netctcnang	atntccaaaa	1080
nactncacna	aattttgtcg	caaaaangtn	ntntnacc			1119

<210> 4414

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4414

gntttntttc	ntttnttttc	caaatecttg	gtacttttna	attntctgcg	gatcccatcg	60
attcgnnttn	ggcncnangn	ggatntggct	tntgnnga	nggatnnnna	gctggtegat	120
gacggncanc	ggataganan	actgnagnan	ccntgctcnt	tnagnncag	tgctgtttan	180
gaanangatc	tcantgtntg	nnttgannct	ctgnatggan	ccanggcgtn	taccnaaant	240
attntngaca	ntgtgacacn	tcattattgg	aatngantat	gannnnanag	ncatagcang	300
aganataaac	cagcnatatt	acaactatct	cgcancgacc	ngatgctgng	ntctggaaga	360
caatntggng	agnttttaggt	ntagcgccgt	nnggntttca	nctgntanan	gaacctgntg	420
ngaaanacat	tatcacnnct	actcgntcct	atngcaacaa	gaagnnngctg	actgtgntgc	480
tgetntgaac	tcctatgctg	ngctgctagt	angatgagca	ngnaatanga	tnatcagctg	540
annganngcn	aagnctctgc	ttattgtntg	ngcaaatgct	ggttgtaagg	anntgaggtt	600
actttgcgct	ttgggnaagt	ncntactana	ttntttnttg	ggacngcaan	gntttnnccg	660
ggtganccca	angngnaant	ggnaccttan	tnganccnat	naanggnntn	tcnananggca	720
tagtnnancc	tggannaaag	gangttncna	gnnttttann	tnccgggaaat	nnnngactta	780
ctttttctg						788

<210> 4415

<211> 1411

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1411)

<223> n = A,T,C or G

<400> 4415

ttgtnnnnnn	ngtttttttt	ggcggtaaaa	aaaaanggnt	tttttttttg	ggggaaaaaa	60
nnggggcccgt	ttggctnnngt	ggaaaaaacc	cccccttttt	gggggggaaac	cnnttttctg	120
ggngaaaanng	nnncnngnng	ggnnngnngn	nnnnnggggn	nngngagggn	nnnnnggnnn	180
nnngnggnnn	ngngntnngn	nnanngngng	ngggngngna	ntttntttgn	naggngggagg	240


```

gantttntng gnngtttttt ttgncgnncg gggnnnggntn ggggnagnggg gggcgagggg 300
ggggnggggn cnggggngga ganagnaagg nagggngngg angcgtgggg tngngggann 360
gggnnagann aggcgnnatn aggnngnggg gnnngggangn gggggagngn gggtagngagn 420
ggggngnggn nngngngngg gagggnnngc gnangggacg ncacagnggg ggtcaannng 480
ngangggann tngggaatgc nggnngggcn cgggggcngn nnggagnggg gntgggacag 540
ggtgnnggan gccannnagg ggnngggggn ngccgagngc attnggtagc angnnnggcn 600
nttcgggggg ngccnnnngg tnanagacgc gngcgggggg nganatanca ngggggnagn 660
gngggggaang gcncncng tntggggggg gancnntga gggggngnna agnagggggg 720
ggaagncngc caannngtg ntncnggggn nnangnggan nnnngggggg gannngngncg 780
ggngangggg ggggaaccnn gtannngaga agnccnntgn angntgggag ggnncgggnn 840
cangggggng gncanggggn gnaaanantg cnnngggggg ngnggaggat ggcnggggag 900
cntggggana gatgggggan nnnagagcgn ngngngngtg tnggggggng gngatnnaga 960
gngttnnggg gggngggng gggnggann agngangggg gnnaaaagnn anagggtan 1020
tggggggggg nngannngna aagagggggg gggggggggg ganannngn cgagngngnn 1080
ggnaaanggg gngnaaggg ngntgnnggg gggganagg gggntntnng ngnggtancn 1140
tngggaannn ggggggggag ngngcagaag nncngggggg gnggtgnaaa angaaantgn 1200
gggggggnan nnacaggggg gnannaggna ngggggcnc ganagctang gagggggnnn 1260
nnngngggtg ngggggngan ngggagaana gggggggggg tngngnaagg gggggggnnaa 1320
naggggggga nnaaaaagag tnnngggggg nagaanngn agggggangg ggngagngng 1380
ggatgggggg ggggnncacn cannaccgcg n 1411

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```

<210> 4416
<211> 768
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(768)
<223> n = A,T,C or G

```

```

<400> 4416
gntttttacn aatgcttgge tacttgttct ntttgacgga tcccatcgat tcgnattccg 60
nacanngggc atacttgntg ccttccangn gnactntcac caangtntct ggcgtacanc 120
gttnagancn gcntgaccgc acnccatcgt nangngcagn ngtgccttgc tncngngaann 180
ggggccaagt nccgtntgtc atgectntga tncacnact gnnnggaagt gatgcangen 240
gatnacttna ngtcagtant tcnanaccag actngccaac atggtgaaac cntatnttta 300
ctatanacaa gagtagatcg anngtggng nngcacactt gtaatcnag ntactcnaga 360
tgctgntgcn naatanttgn ttnnactctg gagatngang tngnantgan ccaaaatcgc 420
nccnctgngc tccaacctgn gngacanagt aagaccctgt ctcataacaa acaaaatata 480
actcnagcct ntanaactat agggaagtcn ggattacntn natcngnca tgatanggat 540
acatcgattg antttgnaca nncnacaact tggattgcag gtgaaaaaaa tgcttntatt 600
ttgtgaaana ttncagtgtc attgctttta tnttgtaacc nattataagc ttgcaaatta 660
atcatgttta ancaacaacn ngnttgcat catnttatgt ttcaagtttn aaggnggaac 720
ggtntnggna aggtttttta antatggcgg tccggcgngg tccaannn 768

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<210> 4417
<211> 782
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

```

<400> 4417

tennnctttt	taaatgcctt	nggnnnntccc	tttctaattng	cttggctact	tggtcttttt	60
gcaggatccc	atcgattcga	attcggcacg	agggacaata	atggccgctt	tcaaggtgtg	120
gattttggct	ccttgagcct	gtctgagcga	ggggtggcag	cgccggcgcc	ccagaatccg	180
ggacagaagg	gtcccaagag	tcgcgcttgg	tgagagaaat	cccagatcct	gtgatggggg	240
acaccagtga	ggatgcctcg	atccatcgat	tggaaaggcac	tgatctggac	tgtcagggtg	300
gtggtcttat	ttgcaagtcc	aaaagtgcgg	ccagcgagca	gcatgtcttc	aaggctcctg	360
ctccccgccc	ttcattactc	ggactggact	tgctggcttc	ctgaaacgga	gagagcgaga	420
ggagaaggac	gatggggagg	acaagaagaa	gtccaaagtc	tcctcctaca	aggactggga	480
agagagcaag	gatgaccaga	aggatgctga	ggaagagggc	ggtgaccagg	ctggccaaaa	540
tatccggaaa	gacagacatt	atcgggtctgc	tcgggtagag	actccatccc	atccgggtgg	600
tgtgaaccga	agagttttgg	gaacgcagtc	cggcagaaaa	aaccggaacc	ggcgggaaca	660
tggtgtctat	gcctcgtcca	aagaagaaaa	ggattggaan	aaggagaaat	cgcgggatcc	720
nagaactatg	acccgcaaga	agggacnaga	nattaaccgg	gattagaaag	taggcacanc	780
nt						782

<210> 4418

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4418

ggngntttta	tcagctcttg	ttcttttgca	ggatccctcg	attcgaattc	ggcacgaggt	60
gacgggtgaa	gcagatgttg	agtttgctac	tcatgaagaa	gctgtggcag	ctatgtccaa	120
agacagggcc	aatatgcagc	acagatatat	agaactcttc	ttgaattcaa	caacaggggc	180
cagcaatggg	gcgtatagca	gccagggtgat	gcaaggcatg	ggggtgtctg	ctgcccaggc	240
cacttacagt	ggcctggaga	gccagtcagt	gagtggctgt	tacggggccg	gctacagtgg	300
gcagaacagc	atgggtggct	atgactagtt	ttgttaggaa	catttgagtt	acttcaatca	360
ttttcacagg	cagccaacaa	gcaattaaga	gcagttataa	tagaggaagc	tgggggaccc	420
attttgcacc	atgagtgttg	gaaaaatctg	gattaaaaaa	ttacctcttc	agtgttttct	480
catgcaaaat	tttcttctag	catgtgataa	tgagtaaaat	aaaactattt	tcagcttttc	540
tcaattaaca	ttttggtagt	atacttcaga	gtgatgttat	ctaagtttaa	gtagtttaag	600
tatgttaaat	gtggatcttt	tacaccacat	nacagtgaac	acactgggga	gaactgcttt	660
ttttggaaaa	ctcaaangtg	ctacttctcg	attcaaagaa	atattctcat	gttgggtcatt	720
ctagtttata	ttttcattta	aaatcct				747

<210> 4419

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4419

gnttnnttcn	tttcttttca	atncttgget	cttgntcttt	ctgcaggatc	ccatcgattc	60
gaattcggca	cgagcagagc	tgtgatctgc	ccccaggat	tctgaccccc	aaactggctc	120
tcaaccatgt	ttacatgatg	aaaagaagag	gtgactgttg	tatcagctct	aaaggcctca	180
cttttggtga	aatgggacct	aaatttgatt	gcatacttga	ttacttgctg	tcaatactga	240

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aattggcaact tcataat tttt aatactattg aactttcacc ataaccctgt cctataaaagt 300
tgacttgcaa atgaagaaac tctatctctt caatattata aaatatatcc aagagtcaca 360
actagtgaga aaaggacagg atctaactaa caatgtgagg ctgtgtcttc acaccaattc 420
aacagagtat cttgtaaatg ttgagaggag angtacttta ngtcatgggg tgtctttcaa 480
taaagtgtct tagaaaacag gtgacaactg attgggcctt gaagtatgaa tggatttagc 540
caggcaatta aataggaaaag cagatactca agacagatta aaacagcttt gagagaagtg 600
aaatgagcaa gtgtaaagac aattgatact gnnatgggat tttagaaagt gtgaagtggg 660
gtgattgtga tgaaancttg gaaagattgc cttgggccaa ggctgttgaa agctttgggt 720
ttgcttanat taagtcaaat gccgtann 748

```

<210> 4420

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 4420

```

gnttnnttcn ttctcttca atncttggct cttgntcttt ctgcaggatc ccategatc 60
gaattcggca cgagcagagc tgtgatctgc cccaggtat tctgacccc aaactggctc 120
tcaaccatgt ttacatgatg aaaagaagag gtgactgttg tatcagctct aaaggcctca 180
cttttggtga aatgggacct aaatttgatt gcatacttga ttacttgctg tcaatactga 240
aattggcaact tcataat tttt aatactattg aactttcacc ataaccctgt cctataaaagt 300
tgacttgcaa atgaagaaac tctatctctt caatattata aaatatatcc aagagtcaca 360
actagtgaga aaaggacagg atctaactaa caatgtgagg ctgtgtcttc acaccaattc 420
aacagagtat cttgtaaatg ttgagaggag angtacttta ngtcatgggg tgtctttcaa 480
taaagtgtct tagaaaacag gtgacaactg attgggcctt gaagtatgaa tggatttagc 540
caggcaatta aataggaaaag cagatactca agacagatta aaacagcttt gagagaagtg 600
aaatgagcaa gtgtaaagac aattgatact gnnatgggat tttagaaagt gtgaagtggg 660
gtgattgtga tgaaancttg gaaagattgc cttgggccaa ggctgttgaa agctttgggt 720
ttgcttanat taagtcaaat gccgtann 748

```

<210> 4421

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4421

```

ggnttattcn ttctncaaa tncctggcac ttttattctg cggatccctc gattcgaatt 60
cggcacgagg gctanctggc ctgtngnac tattgtatgt ttgnngncc gngncttaa 120
cacttttnng cagttgtgct tnanctaag ggctaattgn tttnaanntn gnnngntnctn 180
anttaacntt ttctttaaat ttnaaanngn tnaataaatt tctntnaatc nacccttann 240
ngtatatnaa nnnatanaa nnnnannnac tttannctnt atttttnaaa nnnngacacc 300
tnnngatcaa tntgntnaan ntttnnatnc ctanctcnnn nagnnttttn nnaanccttc 360
nccctggantt nttgntcaan acngaatttt cnttatctcn nntgcnnttt tgngecanca 420
cnnttentca ncacctattg tgnccnngc gnannatnnt ttacnctgac ggttgntatn 480
nacancntnc tcttgcatng cgtcattaac ctntagtgta tccacanaga natatttttt 540
agaggcgtat ntntnatcat agngannata ctntcancnn aattagtgtc ttnaatattt 600

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tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcnctat	aatatnnggg	anaatttggtg	cnncntttat	720
nttctctata	ttanacatnn	atattggggg	nannnttactn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncaen	840
nnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngettnen	900
atatgngcac	naaaatactc	tatatgtntt	tgcnttacna	acancactat	tnntatcnta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnntcten	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnaca	gtncntnnta	tannatanat	tngtnncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancctc	tcanaanant	atgnctcaat	1260
gtanactntc	ctcactcgng	ntttctctgc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantncnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatatgngg	tancatttctn	tcncnct				1407

<210> 4422

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4422

ggnttattcn	ttcctncaaa	tncttggcac	ttttattctg	cggatccctc	gattcgaatt	60
cggcacgagg	gctancgtgc	ctcgtngnac	tattgtatgt	ttgngncct	gngnncctaa	120
cacttttnng	cagttgtgct	tnanctaagt	ggctaattgn	tttnaanntn	gngntntcn	180
anttaacntt	ttctttaaat	ttnaaanngn	tnaataaatt	tctntnaatc	nacccttann	240
ngtatatnaa	nnncatanaa	nnnnannnac	tttnannent	atttttnaaa	nnngacacc	300
tnnngatcaa	tnngntnaaa	nttttnatnc	ctancctnnn	nagnnttttn	nnaanccttc	360
ncctggantt	nttgntcaan	acngaatttt	cnttatcten	nntgcnnntt	tgngccanca	420
cnnttctca	ncacctattg	tgncctnngc	gnannatnnt	ttacnctgc	ggttgntatn	480
nacancntnc	tcttgcatng	cgtcattaac	ctntagtgt	tccacanaga	natatttttt	540
agaggcgat	ntntnatcat	agngannata	ctntcancnn	aattagtgt	ttnaatattt	600
tatnctacta	antgatntct	tggnagngtn	tcatatnnga	tcctaataatt	gttntntatt	660
ttttgtaacc	ctattgtgca	nttcnctat	aatatnnggg	anaatttggtg	cnncntttat	720
nttctctata	ttanacatnn	atattggggg	nannnttactn	actcnnttat	atnnagaaga	780
nctntactcc	ntatgtnnna	nataananac	tnntatacnc	tatattnnga	annagncaen	840
nnttgggann	gcttttanat	tactncatac	atacatgnat	gtntataann	anngettnen	900
atatgngcac	naaaatactc	tatatgtntt	tgcnttacna	acancactat	tnntatcnta	960
cnttattatn	ntnnntnanc	aaccnactc	ntnntatanc	gnctctctnt	ntnctgtctc	1020
nntatnntnt	cgcnntcten	ttnactntgg	ngnntacnta	ttattagaga	ngngnngatt	1080
tatntctcnt	ctgcgcta	ggantnaca	gtncntnnta	tannatanat	tngtnncnctn	1140
ncantcaatn	nttatnnctn	tacatgnatt	agcatnatnt	nccnnnttat	tgtttaantn	1200
acaccntca	agatnntcta	ctatgagant	acacancctc	tcanaanant	atgnctcaat	1260
gtanactntc	ctcactcgng	ntttctctgc	cacatntnt	canaacttct	ancntntact	1320
aatatnntct	aaantncnc	gtnnatnctc	tncangnngn	ctgcncntcc	tttngnnntn	1380
ncatatgngg	tancatttctn	tcncnct				1407

<210> 4423

<211> 804

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (804)
 <223> n = A,T,C or G

<400> 4423
 gggtanttcn ttctctttca atccttggtt acttggttctt tctgcaggat cccatcgatt 60
 cgaattcnnn ncgnggaggg ctncgcggca tctggnnnnn ttggnatctg nttngcngnt 120
 ngagcgatnn tctgctgttg tggacacgcn tttnangett ctgttggtgca tntannttga 180
 ttcacatnqn cttacacant gcctggganc tgtctnntag gctaatagca cttncacatt 240
 gggagataca cctgctgata gtggnnnnatn gacncnctga nttaangtgn tggannngat 300
 nngtnttttn anngnntggg nnaaaactnnt cntattcncn tgatgnnact ttggatcnca 360
 ctncctgaggg anatcngtna tggagcnanc tngggcnggn gnaccnncctt ntttttagaa 420
 natgaaatca tacatctgng ngnntcagtg nttnnctgga tatcngctc tgnnttantn 480
 acttccaccc anagcatnat angacctcng acttancng ngtcnnagcc ttctganatn 540
 nggntctgaa gntcgtntgg ctnccttann nnnccctntt gagnetnatg atnnaacncg 600
 gctttgggng gttcccaactg atntgacact gntangcaa gatncccaan gatggcgant 660
 cntcttgcaa tttgggaagg aantccnttt tntncngctt gntagnatng ccttnnnnat 720
 aaccttgctt tgaantnttt taaccccnnt aatccagntt ngannttgct ttaggtaaaa 780
 nccaattgca ntcgnnanan ancg 804

<210> 4424
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (749)
 <223> n = A,T,C or G

<400> 4424
 gnttnnncnc tttcaattnc ttggctactn gtctttttgc aggatcccat cgattcgaat 60
 tgggacagag gaggatctgc cttctgagga agtggatcac gagctgattg aagacagtca 120
 gtgggaagaa atactgaagc aaccatgccc atcgcagtac agtgctatta aagaagaaga 180
 tctcgtggtc tgggttgatc ctctggatgg aaccaaggaa tataccgaag gtcttcttga 240
 caatgtaaca gttcttattg gaattgctta tgaaggaaaa gccatancag gagttattaa 300
 ccagccatat tacaactatg aggcaggacc agatgctgtg ttggggagga caatctgggg 360
 agtttttaggt ttagggcgct ttgggtttca gctgaaagaa gtccctgntg ggaaacacat 420
 tatcacaact actcgatccc atagcaacaa gttggttact gactgtgttg ctgctatgaa 480
 ccccgatgct gtgctgcna taggaagagc aangaaataa gantattcag ctgattgaag 540
 caaagcctct tgcttatgta tttgcaagtc ctggttgtaa gaaagtgggg ataccttggtg 600
 cttcagaaat tattttaaca tgctgntggg aggcnanntt taacccgata tcccatgggg 660
 gaatgttctt tcaantccca naagggtgtn aagcatatga acttttctnn gagtccctggc 720
 ccactgtgga attatgacta ctatgcanc 749

<210> 4425
 <211> 727
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (727)
 <223> n = A,T,C or G

<400> 4425

ttnaatnctt	ggctcttgnt	ctttntgcag	gateccctcga	ttcgaattcg	gcacgagntn	60
gagctggaca	ctnagnacaca	gttttagagtn	ttgatataatn	actngaaaac	agtancattn	120
ccnaaanaccn	atnaccceca	ccctgtccna	angaatgatn	gntatgnatg	tgaagttnat	180
nttntgactc	ngatnatnac	nttccacttn	ggatgcacaa	ccatgctgnc	ctgtacagaa	240
gtcacangtn	ttgtgagaat	ttntaaactg	atgatgtgna	ttnnccatggn	aacatgagtc	300
tacattttac	cttcnatagt	agcnatgaat	cacaatnacn	tctttgttta	taggttggtg	360
gaaaantaat	tgctgttntg	ccattgcttt	taatggctgc	cacaactact	ctngcacnan	420
cctaataattt	attaanaactt	tnctttctng	anacacaatt	nctgaaanng	ggattnatgt	480
gctgagntc	taaggaccct	gatantnctn	ngtatnnntn	gttgaatgtt	gnanaatatt	540
tcatnactac	tcaantgatg	gtncatgat	ctgggaggaa	gcctncttna	gcatnttanc	600
canattgncc	agggtttcna	gganaagtct	aaagcctgtn	angataccna	tgggacccca	660
ccngggtgna	anggcttnnt	gtcttnccgg	gactttgagc	ttaattttcc	cangnaaaaa	720
anggett						727

<210> 4426

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4426

cctttcttga	aaacnttggc	nacttntctc	ttntgcagga	tcccatcgat	tcgaattcgg	60
cacgaggagg	atctgccttc	ngaggaagtg	gattnagagc	tgattgaana	cannnantgg	120
gaagaaatac	tnagnacacc	atgcncatcn	cantncantg	ctnttaaaga	agaagatctc	180
gnggtctggn	ttgatecttt	ggatggaacc	anggantata	ccgatggctc	ncttgacaat	240
gtaacaggtc	ttattggaat	tgcttatgaa	ggaaaagcca	tagcaggagt	tattaaccag	300
ccatatnaca	actatnaggc	aggaccanac	gctgnnttgg	ngaggacaa	ctggggagtt	360
ttaggtttan	gngcctntgg	gttncatctg	aaagaagncc	ctgctgggaa	acnctttatc	420
acaactactc	nattccatag	naacaagacg	gttactgact	gngttgctgc	tatgaacccn	480
gatgctgtgc	tgcnagtatg	aggacaggan	attngattat	tcagcttatt	nanggcaann	540
actctgntta	tnnatttgc	agnnctggtt	gtnagaattg	ngataactga	gctccagaag	600
ncatttacat	gctgtnggag	gcangttaac	cgaatccatn	ggnatgttct	tcagtcaccc	660
aangatgtta	accatntgaa	ctctggatga	gtactgccac	nctgaggatt	atgactactn	720
tgcaagccca	nnacatgngn	gagcccccctn	ctt			753

<210> 4427

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(863)

<223> n = A,T,C or G

<400> 4427

tttgnaaanc	cctttctggt	gttcaccgga	aacncttggg	aaattcccat	agctncangc	60
annnantgcy	atggcgtgcy	cctgtagtcc	caggtactcc	ggaggctgtg	gcagattttt	120
ggcttattga	acacaggcag	nttgtggcca	ttcagcaagg	agcataatgc	ccctgtnggt	180
ggtgatagt	aataagcact	cagtgcagnc	aataagnata	taattngagt	taatgcatgn	240
cnaatgattc	cngtcccttg	ttgaatgtgg	atttntntat	ctcantncca	atacatttnc	300

tacaaagcca	agtgccatc	cctggaattg	gccnatagca	atcnggaatg	tnnaccatng	360
gattcactca	ctggcagntc	aagtctgtga	acaccatgaa	ggttaatcaa	catgaggggt	420
taaagccaac	tttataggct	tgctatatnn	nccttctctg	tcagcaatan	agcccattcn	480
cnggagcttc	cngnggggat	gactcgtccc	agngaattct	cctattaagn	naaccnanng	540
gnttaactgn	agaaaaggct	tnccgtnatc	tntaagatcc	ttttggaac	cacntttant	600
ctaccctggc	ctncaagntc	caatttggan	agaccgnc	atnnancctt	tggangaaat	660
ncccaatncc	aggaaaccca	atggccaaaa	cccctntnn	aaggnnnctt	naacaagccc	720
agggaaaacc	naattneccn	aaanattggg	gccntnnnn	gggggggggn	aaaaaggctn	780
naaactntcc	cnaacttaaa	acaaangncc	ccttgggntt	ntcaaaaaaa	nggggcnttt	840
nggaanggaa	aangganccc	cna				863

<210> 4428

<211> 471

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (471)

<223> n = A,T,C or G

<400> 4428

nntttactnc	ctttnccccc	tctnttttgc	ggatcccatc	gattcgaatt	cggcacgagg	60
cagaacngat	ccagacanaa	antgtntgca	ttttaccttn	tttcccnenc	caattcttct	120
tnntaganga	nagtancgtc	agatgntctc	tgncgancct	nnnctcngtt	gnacatngcc	180
tatnctcctt	tnagatntan	atgganattt	gcttatgact	tgtgttgnat	aacgaggtan	240
aaanattgct	gtcttctctg	acatncctcc	tcaaaganat	cattaatgta	tgatatctaa	300
taaaccanct	antgcatgta	acagtgatca	gcaaattaat	anatnanacc	tctattcatg	360
cttaaattat	caaagntagt	atttnaatga	natgtgctat	tttcattaaa	atntntggca	420
ccatcgagna	tganaacttac	caattgcanc	nnaggnantg	agccctnacn	c	471

<210> 4429

<211> 976

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (976)

<223> n = A,T,C or G

<400> 4429

nggggtataa	annnnntttt	nngaatacac	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgcannng	ngcncgnnat	ntgntngncn	atngaactgn	cnnngcacat	caatatnngt	120
gggnttncnc	natctntcat	nnantgtgna	anacagatct	gacttggtta	tgtnngagt	180
accctganca	atgnnnngnag	acggntaggg	gtacacggag	cacacattcg	tcacaaattc	240
tatnngtgca	tnttttgcaa	gggncgtttc	caggggtgctt	attancgann	gcaaagggta	300
cttggaatt	gcaagatttt	ncaatgagcc	ccaagnaatt	cntngancga	attgcattgg	360
caccccaagg	tttnaggaaa	agatnngnaa	anccanttac	cttcnaattt	ccaaccttgn	420
nattttgacc	ttggantggg	tttaannaan	accccagggt	agttacccaa	cntnngggcg	480
antttncnaa	agtnccccna	tcccttaatt	ccaccaanna	anggnnttaa	aanaatggcc	540
taatttcggg	cgagttattc	gaagaataat	cgcttantng	tggtncaaaa	cttacattac	600
tcaatggaaa	cattcaccca	attttngaaa	gggaatcttt	aattcggcct	ggcattaaat	660
ccggagntgt	catgggcttt	cngaattcaa	atgaaanngg	ttatatctct	ggggngcaag	720
atcananttg	acganacca	atggaangat	ctactgatag	gcangttacc	atcactggaa	780
tctgntgcca	gcatttagcc	tggtcaata	tctaatacaa	tgtcaaggct	tttnccttgg	840

gaaaacgggt	tggcattggg	ggagcaactn	ggaacaatgc	agattcaatc	cattaatccc	900
ttttctgggtg	ttcaacaacc	aaccattga	atccatctgg	ggtaagtttt	cttgaaacaa	960
gtcanengaa	nttccn					976

<210> 4430
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4430						
tnnnnctttt	ctaattgncc	cctnattngc	nggttccaat	nnncanngaa	cgatcccatn	60
gattcggaatt	cggcacgagg	tttttttttt	tttttttttc	agttccagtt	ccacttttctt	120
tttattttaa	taaccgaagc	aacagccgtg	gcacagcaga	gggaagctgg	gttggggcgt	180
gtganangtg	gcagcagtn	ggcctgatgg	ggggactang	tcacagtga	ctccccacac	240
gcctntcagg	ttcagcagtc	atggccatag	gattggggagc	actacggagg	agccatcagt	300
tagtgatgtc	tctccaagtc	ccanagacct	tagggacggg	agctaagtca	gctccctcaa	360
gtagcagggc	cagggcatcc	cagtcagggg	tcacggggcc	cggaaggcat	tttcagcagc	420
cccagcggct	gcattggcag	ctgcggttcg	caccncangg	ttggagaaga	caccancagc	480
aaattcttgc	tgggccttct	naaagctggc	acctgtgcgg	cggtataagg	agtggatccc	540
gtttcagcat	gacaattcct	agcacagcaa	tgccantgaa	gagcagggcg	accagcacat	600
gagcacccgat	actgcttgtg	ttgcccttcg	gcaccaccan	agcagaatat	ccacctgaa	660
tnccaacctg	ggatncaatg	gcctgaggac	aangacacat	tctggacgaa	gaaatganaa	720
naaaacnaga	aatttgatga	actgtactnc	ggaaagcctt	tacat		765

<210> 4431
 <211> 739
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 4431						
gcttcaatnc	tttctaattc	ttggctaccg	gntttctgca	ggatccctcg	attcgaattc	60
ggcacgagag	aaaaacaaca	gagagaaaaa	gaatacctga	gatatgtaga	agctttacga	120
gccccaatcc	aggagaaaat	gcagctgtat	aatattactt	tacctccact	atgctgttgt	180
ggtcctgatt	tttgggatgc	tcattcctgat	acctgtgcca	acaactgtat	tttctataaa	240
aaccacagag	catatactcg	ggcactacat	tcattcatca	attcctgtga	tgtccctggg	300
ggtaattcaa	ctcttcgagt	cgcaattcat	aattttgctt	ctgcacacag	gcggactttg	360
aaaaatctat	aataagaatc	tgaaattaac	tggtagtatt	ttggctttta	cttaaaaatca	420
tccttgagag	agtattttaa	gaaaagctgt	tcaagttata	aaatatataa	tctggaaaga	480
aatactgtct	catataataa	ttagattgta	atcattgnnt	taatctctgt	ctgggaacca	540
agattgaaag	ctgacttact	tctctcttct	gtcttgtgaa	ccatacggag	cctattatct	600
taaaatatga	tcagaccagt	aaggcttctc	ttactttgct	ctggctctgg	atcaggaaga	660
gctcatgtga	aagtctttga	gaatctctta	tttatcatct	ttctaaaact	gngtttttga	720
gcctggacag	tnctgaaaa					739

<210> 4432
 <211> 1006

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1006)
 <223> n = A,T,C or G

<400> 4432
 tatcttttct aaaangnceg taantgcntg gttttaattt cettggaang ctnacntgcg 60
 ttncgnattg ggagncaggc ctcacacagga cctgntgac tcgnggcgcg ggagctggna 120
 gccaggtctc ncgngccttt ctctggcttc cttggntngc ctgntggggg aaggggnagga 180
 ggagattaag gaaangnaag atgttccacn ntagantgat gaggtctacc ggtncraagac 240
 catcncctaa nacgagnatc ccnancctnt gcctnnncga aatgtnanct cctnncaactn 300
 ggcnccnagt tatnagcccc tcngaannnt gtnacagccg gacgtcttan tncnttctgc 360
 tcaangatgc tcnacnccan ncttnnattt gggtgncnga nnntgcccga tnnngcnctn 420
 natatcnnc attgnntnctn cttaantggg tcttntgncc cctttttaat ccttccant 480
 ttgaantctc tntgtggntt anaacgnntt nnngaattaa tancnncnt ataccattan 540
 antattggtt cacnccctgn nttaccacaa ttncaactgg gacttttggg natattaaaa 600
 ggntatntnt ttatnatnctn ctccctattg gggcncaaat tcgtatttan agccttaaaa 660
 ctncctcttc tattntatan accnctnccn ntattntant ctncccaaan tttatataac 720
 gncnaancct atcatntatt tctngcgcac ttcnngatt ttnnataanc atntntcatn 780
 ggggtataaa nctnngntn aantgtnnnt ntctntnctn nnntntntnt nntaattttc 840
 aantgtaccc natnatnnnn ncnanaaacc ttntgttnac ccngtttctn nancnntttt 900
 tgnntcccat ttanctcann nggncttcnn ttaancannc ctgggggnnta atntnnggga 960
 nnnctatatt ntntgatntt taaatagtat antngnataa caant 1006

<210> 4433
 <211> 474
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(474)
 <223> n = A,T,C or G

<400> 4433
 nanccttaca agctacttgt tctttgtgca ggatcccatc gattcgaatt cggcacgagg 60
 aaangncnag cantgangaa tgtntttggg ntttgagacc acattanac ngnaancctc 120
 atgactatat ccantgtncn ctcccancag canatngang ncatgcatgc ctcttttct 180
 aactanana anaacnntgg gctcnngann ctgngttaca tccannngc ttnnatattg 240
 cctcatggat tcattggaaa tacacgtgna tacacaaant cccanattng tcttgcattn 300
 tattttngan gcngcttct ncaatannca nntntctntn ntnaaagatt attgangna 360
 acctaaggtc cgtgagctg tncntaact tattgatgac nnataagnnc agcattttcn 420
 ntncactgt cntnannnac ctgntggat cagctcant gtctnggtng nacg 474

<210> 4434
 <211> 764
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4434

tnnnnttttg	aaantttttg	aaatcnctgg	nttctaant	tnnggcacgat	cccatcgatt	60
cggggatggg	cctatgattg	ttcatgatga	gcatggagga	gtgtcggcag	gaactttctg	120
tgctctgaca	acccttatgc	accaactaga	aaaagaaaat	tccgtggatg	tttaccaggt	180
agccaagatg	atcaatctga	tgaggccagg	agtctttgct	gacattgagc	agtatcagtt	240
tctctacaaa	gtgatectca	gccttgtgag	cacaaggcag	gaagagaatc	catccacctc	300
tctggacagt	aatgggtgcag	cattgcctga	tggaaatata	gctgagagct	tagagtcttt	360
agtttaacac	agaaaggggt	gggggaactc	acatctgagc	attgttttcc	tcttcctaaa	420
attaggcagg	aaaatcagtc	tagttctggt	atctgttgat	ttcccatcac	ctgacagtaa	480
ctttcatgac	ataggattct	gcgcgcaaat	ttatatcatt	aacaatgtgt	gcctttttgc	540
aagacttgta	atttacttat	tatgtttgaa	ctaaaatgat	tgaattttac	agtattttcta	600
agaatggaat	tgtgggtattt	ttttctgtat	tgatttttaac	agaaaatttc	aatttataga	660
ggttaggaat	tccaaactac	agaaaatggt	tggtttttagt	gtcaaatttt	tagctgnatt	720
tgtagcaatt	atcaggtttg	ctagaaatat	aacttttaat	cagt		764

<210> 4435

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4435

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatcgcg	cactttttgg	atcggcattc	agtcttttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtgtatc	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggt	tgcacaactg	aaacagcttc	aggcagaaac	300
agaaccaatt	gtgaagatgt	ttgaagatcc	agaaactaca	aggcaaatgc	agtcaaccag	360
ggatggtagg	atgctctttg	actacctggc	ggacaagcat	ggtttttaggc	aggaatattt	420
agatacactc	tacagatatg	caaaattcca	gtacgaatgt	gggaattact	caggagcagc	480
agaatatctt	tattttttta	gagtgtggtt	tccagcaaca	gatagaaatg	ctttaagttc	540
actctgggga	aagctggcct	ctgaaatctt	aatgcagaat	tgggatgcag	ccatggaaga	600
ccttacacng	gtaaaaagag	aaccttagat	nataattctg	ggagtcttcc	actttcagtc	660
tcttcagcag	agacatggnt	tcattcactg	gtctctgggt	ggttttcttta	atcaccccca	720
aaggtcgcga	taatanttat	ttgcccc				747

<210> 4436

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4436

gnttcaannc	ntttccaaat	ncttggtctt	ngntcttttt	gcaggatccc	atcgattcgc	60
tcgcatcgcg	cactttttgg	atcggcattc	agtcttttccg	cttcttgaat	ttctctctgt	120
aaaggagata	tataatgaaa	aggaattatt	acaaggtaaa	ttggaccttc	ttagtgtatc	180
caacatggta	gactttgcta	tggatgtata	caaaaacctt	tattctgatg	atattcctca	240
tgctttgaga	gagaaaagaa	ccacagtggt	tgcacaactg	aaacagcttc	aggcagaaac	300

```

agaaccaatt gtgaagatgt ttgaagatcc agaaactaca aggcaaatgc agtcaaccag      360
ggatggtagg atgctctttg actacctggc ggacaagcat ggtttttaggc aggaatattt      420
agatacactc tacagatatg caaaattcca gtacgaatgt gggaattact caggagcagc      480
agaatatctt tattttttta gagtgtctgg tccagcaaca gatagaaatg ctttaagttc      540
actctgggga aagctggcct ctgaaatctt aatgcagaat tgggatgcag ccattggaaga      600
ccttacaong gtaaaaagag aaccttagat nataattctg ggagttcttc actttcagtc      660
tcttcagcag agacatggnt tcattcactg gtctctgggt ggtttcttta atcaccccca      720
aaggctgcga taatanttat ttgcccc      747

```

<210> 4437

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4437

```

gnttaatgcc tttcnattgc ttggtctctg atctttctgc aggatcccat cgattcggtc      60
ctacccaaac ctgtggccgc cacttttgaa ttctcagatt gccctgaatt ttgccacttt      120
taaataatgt gctgaataag ctcagcaact aaaaaccatt acccaagaac gtttcttggtg      180
agtgaagctga tttattctga ttcattatat tcttttgggt agattttata ccccttgggg      240
aaataatata acaaaaacat ctcttaaaaa tgctgggatg gggccatata tactagcaga      300
ggccagatgg tcagatatga tttctgcaaa cccatcttga ccttgagtat gtgaaggggt      360
actgtacttt attcctgata cattttgggt tccatgtagg tgttgagctc ctggntttct      420
gtgtttggat gatgaagatt tggacccttc cattcataat ccctttctaa gtgaagggag      480
aggctggctt ggctgntcct tgnattctcg aaagccctgg tttggggccc atgttcacac      540
tggctctcag tctagtcagg tgcaatgttc ttgagagggt gggacctaat tattaccaga      600
gtagcancaa gagaggaaac gttgtgaatt aagtattcaa ttnaaaaagg aacatgattt      660
ctacctgaaa aaangnanan gnnccnncct tgattanctt cntaatcctt nnnnatnnaa      720
nennctctna annantttaa t      741

```

<210> 4438

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4438

```

ggttanttcn tttcttttca atccttggct acttgttctt tctgcaggat cccatcgatt      60
cgaattcnnn ncnnggaggc ctncgcggca tctggnnncn ttggnatctg ntnngcngnt      120
ngagcgatnn tcggctgttg tggacacgcn tttnangett ctgttggtgca tntannttga      180
ttcacatngn cttacacant gcctggangc tgtctnntag gctaatgcna cttncacatt      240
gggagataca cctgctgata gtggnnnatn gacnncctga nttaangtgn tggannngat      300
nngtnntttt anngnntggn nnaaactnnt cntattcnen tgatgnnact ttggatcnca      360
ctnctgaggg anactngtna tggagcnanc tngggcnggn gnaccnncct ntttttagaa      420
natgaaatca tacatctgng ngnttcagt ntnnncctgga tatcngcntc tgnnttantn      480
acttccaccc anagcatnat angacctng acttancng ngtcnnagcc ttctganatn      540
nggncctggaa gnetgntngg ctnccttann nnnccctntt gagnetnatg atnnaacncg      600
gctttgggng gttccactg atntgacact gnctangcaa gatnccaan gatggcgant      660

```

```

cntcttgcaa tttgggaagg aanteenttt tntnengctt gntagnatng ccttnnnnat      720
aaccttgctt tgaantnttt taaccccnnt aatccagntt ngannttgct ttaggtaaaa      780
nccaattgca ntegnnanan ancg                                           804

```

```

<210> 4439
<211> 785
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(785)
<223> n = A,T,C or G

```

```

<400> 4439
gnnnnnnnntt cccctttcta atcncttgga nntcgtctctn tntgnangat cccatngatt      60
cgaattcggc acgagagaaa cacaggtgtc gtgaaaacta cccctaaaag ccaanatggg      120
aaaggaaaag actcatatca acattgtcgt cattggacac gtanattcng gcaagtcacac      180
cactactggc catctgatct ataaatnngg tggnttcgac aaaagaacca ttgaaaaatt      240
tganaaggag gctgctgaga tgggaaaggg ctccttcaag tntgcctggg tcttgataaa      300
actgaaagct gagcgtgaac gtggtatcac cattgatatc tccttggtga aatttgagac      360
cagcaagtac tatgtgacta tcattgatgc cccaggacac agagacttta tcaaaaacat      420
gattacaggg acatctcagg ctgactgtgc tgncttgatt gttgctgctg gtgtnggtga      480
atttgaagct ggtatctnca agaattgggc naccnnaaag catgcncttn tggcntacac      540
actgggtgtg aaacaactaa ttgtcggngt taacaaaatg gattcacttg accaccctan      600
agggcngaag agatattgan gaaattgtta aaggaaagtca gcacttncat taagaaaatt      660
ggcctacaaa tccnnganac aataancatt tgtgccatt tnnnggttgg gaatgggtga      720
ccaacattgc ttggagccca agtgnttaac aatgccttng gttnaaaggg antggaaaag      780
ttacc                                           785

```

```

<210> 4440
<211> 789
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 4440
ngatatcggt cgctgagggg ccaagtggga ggccctngna ggtgtggagg tggattccgc      60
tccggggcacc gatctcgcca agatcctnag tgacatgcga anccaatatg aggnatggc      120
cgagcagaac cggaaggatg ctgaagcctg gtccaccagc cggactgaag aattgaaccg      180
ggaggtcgct ggccacacgg agcagctnca gatgagcang tccgaggtta ctgacctgcg      240
gngcacccctt cagggctctg agattgagct gcantcacag ctgagcatga aagctncctt      300
ggaagacaca ctggcagaaa cggaggcgcg ctttgaggcc nagctggcgc atattcaggc      360
gctgatcagc ggtatttgaa gcccaacttg ggcgatgtgc gaagctgana gtgaacgggc      420
agaatcagga gtaccagcgg ctcatggaca tcaagtgcgc gctggagcan gagantgcca      480
cctaccgcga gcctgcttag ggacagggaa gatcactaca caatttgtct gctcaaggctc      540
tctgaggcag cagctctggg gcttttggtg tccttggagg tgttttctgg tagagggatg      600
ggaaggaang gacccttacc cggggttttt cttgactgca ataaaattat tgggcaagga      660
aaaaaaaaaa aaaaactcca gccttanaac tatannnggt cggnttctta aatccagaca      720
tganaanana nattnttngt ttggacaaac ccaacttnaa tgcnatggaa aaaatnnttt      780
tttttnnaa                                           789

```

<210> 4441
<211> 1450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1450)
<223> n = A,T,C or G

```

<400> 4441
ggnnnnnnnn nntttttnccn cccccccctt acattcgaaa aaaaccccc ctttttgggc      60
ccaaaaaaaaa nccccccccc ctttttgcna aaaaaccccc cttttggcna aaaaaacccc      120
cttttgggga aaaaaaancn ttncncncn cnnccanacn gnnnnnnncan cccgannaan      180
naggnnnncan nannnnnnnn nnnngannan nnnnccncnn attatttttn nnnnnncnna      240
nnngnnnnnn annnnncnann aaannannna nnnncnnttn annnnnannc annnnncnag      300
nagngnnnnnn ncannanaan nnnngnnnnnn nanaancaac nanaannngn gngggnnnnn      360
annnnnnng ngnggcacnn nnanacnaac anacnnnann nananannaa nacannnana      420
cngnccnnan nannnnnnnn ganannnaa naccaannnn nnnancnnaa nncannnnnn      480
ncnngaggnc cccccncnca ccanancaga aagaagacan ganannnnnn ccagaangan      540
cncanannac aaanacaacn anacnaanaa caaanaanac aacanaanna anggcnnaaa      600
nnnnncaaac anaaannngc nanacnagga cganngcgac aaacnacncc nagacatana      660
caacanacaa nacanacnaa canaanannc naacannaaa cagaacaaga cncagncaga      720
cngnancann ncncganacn cnaacaacaa ncngccaann ncanaancaa ananacncac      780
anaacanana cnanagnnna aaaangaagc aaanacgana cnnanannng aagnanncac      840
ncacanncna nagcacgcac anagnganan gacanganag annnaancca acaanngaac      900
aaagacncgg nagnacaccn nacnnaagaa agcaacnaan ancncacna acancngnac      960
acacacacan nngnganaaa canaccgnaa acaanacang ncaaacgnan acnaagcaca      1020
nnncnnacaa gcgacnngng aaagacaacg acacancaga nnacgacgaa nngancaang      1080
nanagacgaa acacgnaccn nggaaannca aagnaacang cacncacacn ngacnacaaa      1140
canannncga cganacgnaa agaacgngna cncgnanann ggnacacaaa cnaancacaa      1200
cgaacgacan agacgcanc acgcncacan ngcccanga nanncgagca cncagncgac      1260
gncgnananc acgccacaca ncnaacanta aannnggann nagacancng gnggagantc      1320
gacanngnga cacagaacac anacnnnann ancaccnnnc ganacaacaa cnagcgnaca      1380
cnacgaacac anacancaca ccaacacgna caacangnac aacnnagacc nacnaccnc      1440
gaccccaacn                                     1450

```

<210> 4442
<211> 1450
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1450)
<223> n = A,T,C or G

```

<400> 4442
ggnnnnnnnc nntttttnccn cccccccctt acattcgaaa aaaaccccc ctttttgggc      60
ccaaaaaaaaa nccccccccc ctttttgcna aaaaaccccc cttttggcna aaaaaacccc      120
cttttgggga aaaaaaancn ttncncncn cnnccanacn gnnnnnnncan cccgannaan      180
naggnnnncan nannnnnnnn nnnngannan nnnnccncnn attatttttn nnnnnncnna      240
nnngnnnnnn annnnncnann aaannannna nnnncnnttn annnnnannc annnnncnag      300
nagngnnnnnn ncannanaan nnnngnnnnnn nanaancaac nanaannngn gngggnnnnn      360
annnnnnng ngnggcacnn nnanacnaac anacnnnann nananannaa nacannnana      420
cngnccnnan nannnnnnnn ganannnaa naccaannnn nnnancnnaa nncannnnnn      480

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```

nennagaggnc ccccccncnc ccanantaga aagaagacac ganannnnan cagaangan 540
cncanannac aaanataacn anacnaaraa caaanaaawac aacanaanna anggcnnaaa 600
nnnnncaaac aaaaaannngc nanacnaogc cgaungogac aaacnacncc nagacatana 660
caacanacaa nacanacnaa caaanannc naacannaaa cagaacaaga cncagncaga 720
cngnancann nncoganacn cnaacaaacaa nngocaaann ncanaancaa ananacncac 780
anaacanana cnanagnnna aaaangaagc aaanacgana cnnanannng aagnannac 840
ncacanncna nagcaccgac anagnganan gacanganag annnaancca acaanngaac 900
aaagacncgg nagnacaccn nacnnaagaa agcaacnaan ancncacna acancngnac 960
acacacacan nngnganaaa canaccgna acaanacang ncaaacgnan acnaagcaca 1020
nnncnnaaaa gogacnngng aaagacaagc acacancaga nnacgacgaa nngancaang 1080
nanagacgaa acacgnacn nggaaannc aagnaacang cacncacacn ngacnacaaa 1140
canannncga cganacgnaa agaacngna cncgnanann ggnacacaaa cnaacacaa 1200
cgaacgacan agacgcanc accncacan ngccnangc nanncgagca cncagncgac 1260
gncgnananc acgccacaca ncnaacanta aannnggann nagacanng gnggagatc 1320
gacannnga cacagaacac anacnncann ancacnnc ganacaacaa cnagcgnaca 1380
cnacgaacac anacancaca ccaacacgna caacangnac aacnnagacc nacnacccnc 1440
gaccccaacn 1450

```

<210> 4443
 <211> 775
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (775)
 <223> n = A,T,C or G

```

<400> 4443
ccttggnnag nngccccctt naaanccctt gaaaaccctt ggcaaangcc ctncngnnn 60
gatcccatcg attcgaattc ggacgaggag aggatcactt gagcttagga gttcaaatcc 120
agcctgagcc aacataacaa gactttgtct ctaaacaaaa cagttattgt ttaaagaatc 180
tgaaatcttc atctttaatt caggtagcac cgactcgagc ccaagtttgt ttgatatcca 240
gttccaagtc tggagagagg catctntatc ttattaaagt atcgagagac aaaatatcag 300
acagcaatga ccaagagtca gcaaatgttg atgcaaaagg gctatcaaag ggaggctttt 360
tacagagaac taaggaagag aaggagggtt ttaaagagac ttgagatcag aaaaagatca 420
agaacaactt gaatctcaaa gtatgaattt gaagtatttt gctgagcaaa catttgatg 480
cctgtatgta ccgtaatcct ctatcactgg ggtccccaac cccggtacca gcccgaggcc 540
tgctagggac tggggccgca cagcaggagg tgagcagngg gtgggcaagc cgaccattcc 600
cacctgagct tncctcctc gtcagatcag cancagcgtt agattctcat aggagtgcaa 660
ccctattgta aactgccatg cnagggatct aggttgcacg ctcttatga ggaattgaat 720
gcctgatga acttgnact gnettcctc acccccagaa ngganctggc taacc 775

```

<210> 4444
 <211> 799
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (799)
 <223> n = A,T,C or G

```

<400> 4444
ntcnannngn gtcccttgcc cttgctnttt ntgcaggatc ccacgatcc gccaacgagt 60
accagctgat tgactgtgcc cagtacttcc tggacaagat cgacgtgatc aagcaggctg 120

```

```

actatgtgcc gagcgatcag gacctgcttc gctgccgtgt cctgacttct ggaatctttg      180
agaccaagtt ccaggtggac aaagtcaact tccacatgtt tgacgtgggt ggccagcgcg      240
atgaacgccg caagtggatc cagtgtctca acgatgtgac tgccatcacc ttcgtgggtg      300
ccagcagcag ctacaacatg gtcacccggg aggacaacca gaccaaccgc ctgcaggagg      360
ctctgaacct cttcaagagc atctggaaca acagatggct gcgcaccatc tctgtgatcc      420
tgttcctcaa caagcaagat ctgctcgctg agaaaagtcct tgctgggaaa tcgaagattg      480
aggactactt tccagaattt gctcgctaca ctactcctga ggatgctact cccgaacccc      540
ggagaggacc cacgcgtgac ccgggccaaa gtacttcatt tcgagaatga agtttcttga      600
nggatcaagc acttgccagt nggaaaaatng ggcgctnact tactggttac cccttcattt      660
tnaacctnecg cttgtnggga acaacttggg gaaacaattc cgnccgtngt gggtttcaaaa      720
cggaactggg cccnnggaca attnanttta agcgggcaat ggccaccctt ttgggtcaan      780
gtncnnaagc ctggttttt      799

```

```

<210> 4445
<211> 890
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(890)
<223> n = A,T,C or G

```

```

<400> 4445
gaaaggggag ngnanntttt naanggcgtt ctaatgntgg agcacgannc tanaaagcgg      60
gttnnggcacg aggcctgnanc tgcccgtggg caccacgggn aactgtctt ccgggacctg      120
ngggcccgaga nnggctgggt gacgggnctt cctaacagag tacgcggggc cccttttcat      180
ntacctgctc ttctacttcc gagtgccctt catctatggc cacaaatatg actctacngt      240
ccagtcggca tacagtgggt cacctcgctt gcatctgtca ctcatccac tacatnaagc      300
acccggaata nagcccgtg ccccgctgg aaaaaanaa aatnaanann atancctnna      360
tgnataanca aaacttgngc ctnttaaanc ttagtgagtc ngaattacnt naaatccaga      420
ccatgatnga gatccattg atgaagtng gnacaagccc ncancttaga aatgcnangg      480
aaaaaaaat tgctttaatt ntgttgaaaa tnnngngaag gcnatnngc cttantntg      540
ntnacgcnat tattnaagcc tngntantta acccaangta tatccacca acaaaatggc      600
atancaattn tatanggttn nanngctntc agngngcggn aggttgctnt ganagngnt      660
nttcnnaatt ncctnccgga nctgagngag ccccaaatag cntttggggg tccnngntc      720
acctcanacn ttncgggata tanncentac gnaannanng gggctctaaan ttgggcncca      780
ccttgngngc gnnnaaantc tnnnnggnt cnaataannc ttntntntc ntnnngngtt      840
naanaatntg nanatatacn cncgtataca tanacanntc tcnctgnccg      890

```

```

<210> 4446
<211> 740
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(740)
<223> n = A,T,C or G

```

```

<400> 4446
nnnttgnnnn nnnntttnnn nngngcnttt tatagncngc tcttgttctt ttgacaggat      60
cccatcgatt cgcagcaggg ttgccnngtg gctgntatgg catctatann antttcaggg      120
ttncentaac cnnnggncce ntgcnnntgan tgacngtggg natcntgtng tggtaangan      180
cncaggacnc nttgnatntn ntggaaacaa atggnaacan anngtatect ctngggatac      240
tggtncacca nntggnttaa cacaggtanc agctgctcan nttnacctga gggatccaga      300

```

```

ggennttgtc aaactagcta ttcattggcat gctgccaana aaccttcaca gaggaccaat 360
gatggaaagg ntgcattctt tccagatnc tntattccag aanatntnct nangaatntr 420
cnagangagc ttctccaanc ncgaaaanta cctaaacgtn tanatgagtn acacacgaag 480
aaatggacgc cttcccaaga ttgtggactc cacctgacna ttatcggtta tangagagta 540
anacttgnac anaataacag tgaagtgatt gaaactttct tctgangagt ttctctacct 600
acaggatgga gttaaact gntacagntc acacctgttt tatgtgcnga atcactgtgg 660
ggaaagggtac tgacgtgtan ncttcaata gganattgga ttgaaatntc accttattga 720
accattttta tgnatctga

```

740

```

<210> 4447
<211> 1221
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1221)
<223> n = A,T,C or G

```

```

<400> 4447
anggccanng nnttttttcc caaaaagngg ccccnctttt ttcnaaaaa cccctttttt 60
gccaaaaaan ncgccttttg gggccaaaan anntgccccg cnngnncnnn ggttttggnn 120
cncnnaaaan nnnnnncccc ncnannnnn cncnnnnncn ncnnnnnnnn nnnnnnnnnn 180
cannanncnn nnnnnnnnnn ngnnnnnnn acnnnnnnnc tttttnnnc nnnnangnnn 240
gngggggnna annnnnnnnn cgnngngca nnnnnnnngn ggggnanann ncaannngann 300
ggncncncnn nagacaacnn nnnnnnnana nnananacna annncncnn nnnnanaang 360
nnncncnnnn annannncna nnnncngnnc ccccccncgc nccngncnnn gnggcgcaan 420
acntnancnn nnnnggnann antncgagan tgnccnaatn anngcncac annaagncca 480
naaccacaat ncnnnanaac tncnnnatn ngaanacanc cagancccaa anaccnngnn 540
aacacnnaan nanaaccan cttnaagnna cgcagngngn annaccaan acncncaann 600
nccagnnnna ccnaacacca cgnannccct naanacanac nananncaaa ncnatngncn 660
cacgagtng taacnncna accnacnaac acncagncgn ncanacncnc nannnncatn 720
accnacacnn cncgnaaan acngacnaac aaatcnaana agcncnnnna nttnancaag 780
nanatncnan cnnnacgacn tananantan ccacnnnana cacacacncg acgagncaac 840
aacnaccatn ncngcacgn accnncngtc tnnncacaan acactannca nccaccgna 900
aagaagaaac tanccaaann tnnacgancn acctctnnaa gnnccgcnag annacnannc 960
acgncccaan tnacaccna cnnccnnaa cncnaacgtn ccannacata acnngaacca 1020
naccacngca ngaannnnac annncaagnn annacancan ancnnggaac nnnagcgncg 1080
ancanccnac gncgcaannc gacanaagnt anagaagaac nacnaaacnn annncaaann 1140
naannaaacc taccagann gttnacacna cacantncnn cnnacgagcc gcattnnnnn 1200
ananacgacg gacancaacc c

```

1221

```

<210> 4448
<211> 910
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(910)
<223> n = A,T,C or G

```

```

<400> 4448
gnnntttcaa atagctagc tactngttct ttttgaggc atcccatcga ttcgtgttaa 60
tcgtgtggtg ataactctgt cctcctttta aagcgaattc tctactgaaa ggtctgctct 120
gcttaaggag ctacaaactg ctctcaaaag aatgaaatac tgagttccaa ttcagtggag 180

```

1448


```

cacagtgttg gactatggca catttagttg gagtcggggg gaggtcagga atatgatcag      240
ataatggatt ttatacctta gagcaaaaatc tattagtctc tctcagttta tcaattttaa      300
tggtcttagg cttatagggg gtgtaaaactt taagaatata attctcccat tcaagtttac      360
agcaaacatc tagccacctt caaaacaaag aatatacaga ccatcattta gcaataactaa      420
tacatgattt tccttgggga tggcagggtt gagaatcctt tagcaacagg acatactttc      480
cctaaattan cnngggaatt atttttttac ccgggggttaa aagcttttca ggntnccaaa      540
ncttaaaggt ggggggtgtc ttaaccaacc taaaaaaact tnttcacctt aaaattcttc      600
aaaaggaaga aaaagttnct ttggccaaaa attttggtaa aaagtttcca ccaaangggg      660
ggcaaaaacc attttttccc ctttcctttt aanggccntt ttnaatcctt aaagggaaaa      720
ggggccttnt ttgaaaaaac ttgggggccc ccaatctggg tanttaccaa gggccttcca      780
aaaattttac ccgttttttt tnaaaanggg aaaggaaaat cttnttgncc aacctttnaa      840
gggcntttat ttggccaggg gaaaaatacc cttcnatttt ngggnantgg ttaaaaaaan      900
ttttatttgg                                     910

```

```

<210> 4449
<211> 783
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(783)
<223> n = A,T,C or G

```

```

<400> 4449
gnntttnnan nncngnttt ctaatnctnt tonaatnctt tgnnanctgt ctntatgcan      60
gacccatcga ttcggaatc tctagaaaa gttgtgattt tcgagccata tcttctgtg      120
gtagatccta atgatcctca natgttggcc ttcaacccca ggaaaaagaa ctatgatoga      180
gtaatgaaag cactggatag cataacttct atcagcnaaa tgacacaagc accatatctg      240
gaaatcaaga agcaaatgga taaacaggac ccccttgctc atcccttact gcaatgggtt      300
atatcaagta atagatcaca tattgtgaaa ctgccagtta acaggcaatt gaagtttatg      360
catactccac atcagttcct tcttctcagc agtccaccag ccaaagaatc caattttaga      420
gctgctaaaa aactcttttg aagcaccttt gcatttcatg gctcacacat tgaaaactgg      480
cactccatcc tgaggaatgg tctgggtgtt gcttctaata cagcattgca gctccatgg      540
gcaatgtatg gaagtggat ctatcttagt ccaatgtcaa gcatatcatt tggtaactag      600
ggatgaacaa gaaacagaag gtgtcagcca aggacgagcc agcttcaagc agtaaaagca      660
gcaaatacat cacagtcaon ggaaaaaagg acagcaatcc caattcctgc caaagcctga      720
acttaaaatg catagncttt atgtgaaagg gatcaccttc atctggacct gcacaaacat      780
ggc                                     783

```

```

<210> 4450
<211> 746
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(746)
<223> n = A,T,C or G

```

```

<400> 4450
gntnngnnnc cnttnnagg gggtnntaat cngetctgtt cttttgcagg atccctcgat      60
tcgaattcgg cagcaggaat acctcaaacy tctaccatta cngtggggta ganttttagcc      120
cacntntgcc tttncanct angggtnttt cntaagaaga antactttga ttctgaactt      180
gagcttatga catacattaa tgaaaactgg gatagattgc accctggaga gctggcngac      240
acaccaaact ctgaaagata tgagcatgtt ctggaggcat taaatgatta caagaccatg      300

```

tttatgtctg	ggaaagaaat	acaagaanaa	gaagcatttg	tttgggttgc	gaattcgtgt	360
tcctcctgtg	ccaccaaagt	tggttttcaa	agcagagaaa	gaacctgaag	gaacatctca	420
tgaatttaaa	attaaaggca	gaaaggcatc	caaacctata	tctgattcaa	gggaagtaaa	480
gcaatggcat	ataaaaaaaaa	ggaaagaaaa	aatctgtagg	tcgtccacct	ggcccatata	540
caagaaaaat	gattcaaaaa	actgctgagc	cacttttggg	taaaggaatc	aatttcagag	600
aatcctactt	ttggatttac	cttggngctat	agggagaact	gagggaactg	ccattcatcc	660
agtacctcag	atgtgggatt	ttacnggtgc	ttncagtgc	aaaagaaact	accttcgcta	720
gcattttcng	gccattatga	ttattn				746

<210> 4451

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4451

gacnatacgg	ttngngagac	ngcctncenn	tcnnncngcn	tctgnnggnt	gntnttttga	60
cacggtctcn	ngtgaaagta	cnacncact	cacacgnnaa	tgggcattgc	acccactcc	120
tgctcaaagn	gctgnacgcn	gtcatgngta	gaattnctgt	acgcctgnnc	tctgnccent	180
annngcngant	gggccacnnn	tntntatgan	cgcgacacca	angtgagtct	gacctttctg	240
acttgannna	caangtttgn	gggggctgnc	attcgtgntt	tnngngcnct	tnnaancatn	300
ataggaganc	ntnatnnncg	actgggaach	nnctnnacac	atnctatctg	ngaantcatg	360
gggatcatng	gaggaaaccc	ttgtgctcga	aaataacgtg	ngtcaaacat	gcactcatgn	420
gncncggcnn	accacncntn	gnctgtttcc	tacctaagg	ataccatggn	atgnacactt	480
acngtaattn	tgcaaagtng	gcaaanatnt	tctcanancg	gagcctaach	gnctaaatna	540
aaggtnnttc	atnncaggg	ncttgttaat	atnggcnaaa	tntggcnaac	aagnggttga	600
ctcactttaa	aagggtgnaat	aagattttcc	ncattntntn	aaaaggaacc	tggnggaaaa	660
agntaagggc	caaanccttt	aagncncttt	ncnggnaang	gtttggccaa	atccgggggtt	720
ggngggnncc	aanaatgntt	ttcaggagga	tngggnaaac	tttttttct		769

<210> 4452

<211> 1366

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1366)

<223> n = A,T,C or G

<400> 4452

ananaanann	annnnnnnaa	ggnaaanana	nnnnnannnn	naanangnaa	ananaanann	60
tnnanaannn	aagngnttc	nanncttttc	aaagcttggg	aaacgcannc	aannnnnggg	120
aaagcaagaa	agaacagcta	aagnnngncn	cagaganagc	ttttangang	tntangaaga	180
aggaatanann	gnggncaata	nnnnnannnc	ngaaantatc	atganacnca	aatganggan	240
aaggcagcac	aagctgngca	aacagctatn	gngacggggg	ggcggggaga	gnctaaangn	300
cananatnca	atatataagg	actgcatgcn	aagggtatcn	aaacaagnan	actnntctag	360
gaagaaataa	ntnttgacnt	ancnnaentt	cataacgaat	agcaccgtac	atcgagncaa	420
ccaactaana	ggnctaagga	aatggcaaan	nacnttaatn	nntgagcnaa	ggaagggngt	480
atngnccnan	anngaaatgc	ntcntaacca	anttttaatn	gtaacggnat	nangatnaan	540
nentnanecc	acgcaactca	aaaanattac	attanttaaa	aaaganctat	ancaaaacta	600
gtnttcaaaa	tngnacgagn	aaatgggnaa	nantttntnn	ccgggaaaat	tggnagagat	660

```

ccanaaacac tggntnaggg naatanatgn ccgcccnaaa aaacentnac cataggnatn 720
ggctancata gangagatat ancnatnagg ggatcaanan cntaggnatt ngaaaaantaa 780
ncgagttata acancnagat nnggnantac gaganatagc ttggacnggt atcaaatecg 840
accctnngat gggcntangg aaaaaaanaaa aggntngagn gaanttcctc anaggaanng 900
tganagagcn aaanaanatn aagggccttg gngaaaangg aaaaacagat agngtcatnc 960
natatatncn natgananan tggggnaatn taatctacnn tanatnnggg ggaaaaaaat 1020
cnnncatgac nnnaaaanga gntaatgna nnatgagaga ttaaacnnat aaaacnagag 1080
aantttgngn aaanctgnga gataaaaaat aaataaatte tntntggaac atntanaccn 1140
tctatnnaaa aaaaagaggg gaaaccatct ngattatgca cananaaatn tnacntngng 1200
gaaataaatn gggnaacaata acatatatgn ggatgtacan tnttgngcng aaaaactata 1260
caacntgaga nnnnacnang atataaagcn nnaggnagtn tatangggca tcatcaangg 1320
gaagntataa agcaactgna nnctcatata naaaactgnn cnncaa 1366

```

```

<210> 4453
<211> 852
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(852)
<223> n = A,T,C or G

```

```

<400> 4453
tgatcctcag gcnnctggga tgacacgtna ancatagaag ctggaggagg nggncnngcg 60
cttgntcata atttaaaaaa attaaaaanaa cgcaacagcc gcttttctta atccatatcc 120
cttttaanac acagaggcng gtaatnagtg naatagaaga atgntnttgt ntcttcctac 180
ggtgacngtt nttattncac nggnttcttt agcaggactg ttctactcaa cctctgtgga 240
anaaaactnt ccncagggct gnctaacaca nncagccttt gcttttacan cctgctcttg 300
cctattacca taccactgta tgtnttcttc cacctntgga cnnnggatggg tattaactc 360
ttnaggcatn antgatgcaa ctanagtcaa tatgctgtnt ntattaatga gagctcttgg 420
gcatccatnt cntgaaagct caantggatn gaattnagnt ngcggganag aggccttntc 480
ttgctcatat nacgctnatg gactggggna ggctnaaatt gcaaatgctg cttttaattg 540
cnetcttgga tcnacccatg aaaaattgga aggcctcttg cnaataactg gtggngtcan 600
aaananaaca tttttgacnc nggtcatgnt ntggagaatg aacatcccta aatcnaccat 660
gtggaagacc natttcataa atncattcnt ntaanaaaaa attggnaaat cttntttttg 720
ctttggtnng aacaactttt aangggcttt tngngcaaagt caccatgggt aangggatgg 780
acttgnatt aaattncccn aaggaattna anggttgggg aaataatncc cctnttaaag 840
ggaaaaaaa ng 852

```

```

<210> 4454
<211> 799
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(799)
<223> n = A,T,C or G

```

```

<400> 4454
tggttttnnn ngnggggggg ttttctaatt gcagtcaann tngntgtcct anncccgntn 60
ccnngngncc ccnaacttg gaggtggccc gcttccagac catggaggag aagaaagcat 120
tcattnttac cactgaagaa agaccgaatt gcaaaggaag aaggagctta atgccaggaa 180
cagattttgc agttgggtgg gtctcaataa aagtttgttt cagtggaaaa taacttttat 240
tgagacaaaa aaaaaaaaaa aaaactcgag cctctagaac tatagtgagt cgtattacgt 300

```

```

agatccagac atgataagat acattgatga gtttggacaa acnacactn gaatgcagng      360
aaaaaaatgc tttatnngtg aaatttgtga tgctattgct ttattngtaa ccattataag      420
ctgnaatana caagttancca ncaacaatng cattnatttt atgtttcagg ttcangggga      480
gggtgtgggag gtttttttaa ttcncggccg cgggtgccaat tgcattgggc cgggtcccca      540
cnttttgunc ccttttagtg anggtcaatt ncgcgcttgg ccttatcttg ggtcatagct      600
gtttcctgtg tnanatnnaa tgncttncca cttttcnnaa aattnaagtn gcnnnagaaa      660
tccancactg ncaanttggg ggcanncacn gcttgntaaa tnnnggtatt ttcnaggagc      720
ttttaantan ntnggntcaa nggnacaagc nannttagct ccatnggctt ngacctcct      780
tannaaccaa aatgnttnn

```

<210> 4455

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4455

```

gnannngcen cgnttttgat tccccttntt caaatccttt gnnaatcgcc ctncctgttt      60
tgatcccatc cgattcgaat tcggcacgag atggcagttg cttttgaagt atatgatgnn      120
ttcctccact acaaaaaggg gatctaccac cacactggtc taagagaccc tttcaacccc      180
tttgagctga ctaatcatgc tgttctgctt gtgggctatc ngcactgact cagectctgg      240
gatggattac tggattgtta aaaacagctg gggcaccggc tggggtgaga atggctactt      300
ccggatccgc agaggaactg atgagtgtgc aattgagagc atagcagtgg cagccacacc      360
aatccctaaa ttgtagggtg tgccttcagc tatttcataa tgatctgcat cagttgtaaa      420
ggggaattgg tatattcaca gactgtagac tttcagcagc aatctcagaa gcttacaaat      480
agatttccat gaagatatatt gtcttcagaa ttaaaactgc ccttaatttt aatatacctt      540
tcaatcggcc actggccatt tttttctaag tattcaatta agtgggaatt ttctggaaga      600
tggtcagcta tgaaagtaat agagtnttgc ttaatcattn ggaattcaaa catgctatat      660
tttttttaaa aatcaatgtg aaaacataga cttattttta aattgntacc aattacaata      720
aaaataatgg gcaattaatt ttnaaaact ttttaaaata gnatgctcat atttttataa      780
ataaaanttt tnc

```

<210> 4456

<211> 1095

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1095)

<223> n = A,T,C or G

<400> 4456

```

cgnnnatTTTT nccgccctc ctgggaaaat cnccttgncn ngtgaaaaaa cncntgggtg      60
aaaaacccct tttggcaaat tttcgttgna aaaannntnc ccccgannnn gnnnttnnnn      120
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnntttt ttttcnncc cntttttttt      180
tttcngnnnn nnnnnnttn nnnnnnnnnn nngngggggn nnnnnnnnnn nngggggggn      240
annnnnnnt nngnnngnnn nnnnnnnnnn nnnnnnnann cnnnnnnnnn nnnnnnnnnn      300
nnnnnnnnnn nnnnnnnnnn nnnnnnnnan nnnnaannnn nnnnnnnann nnnnnnnann      360
nnannnnngg ggggcggggn gnnccgnnna cgacngnana nnagnnacna cngaananan      420
nagnannann nnnnnanaaa annnnnanag nnaaacgna gnaanaanaa gnnnnanaaa      480
ngannacgnn nnacanannn cnnanaaann nacaaacnan acaanatana nanncncnag      540

```

annaananac	ncnagaanaa	aannaagaan	nnaagcnngn	nnegnaanan	ccctaacnca	600
nanngaaagn	acngananan	nnccgagann	aanagnnaag	aaagnaacan	agnngnnaga	660
ngagaaagac	nannagaacn	anaanganan	angcannnng	cncncnctna	naaananana	720
nnatananga	tnnaancggn	ganagnaann	acnagnncga	cgcgnnngan	anngaacgga	780
nntcgnnnan	gggnnnaanc	acnncncnaa	caagnanang	cgagagtcaa	nanncanann	840
nanancngaa	nannannnag	nnngnaanana	nanacanacn	anaanangnn	nanagacaga	900
ngcanganann	ngcgcnaanna	gnagnagagn	nnatnangnn	tananaagnc	ananacgaca	960
nnanaacgtn	acgccgnncn	ananangaga	nnnnganaaa	acngagagaga	gnagaanagn	1020
acanaganan	agcnacggnn	gacagcanaa	acganncnan	aagcggnaaa	tanngangcn	1080
agnngnnnga	cagcc					1095

<210> 4457

<211> 744

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (744)

<223> n = A,T,C or G

<400> 4457

ttnttctctt	cctetaatcc	ttttancgcc	tttctgcagg	atcccatcga	ttcgaattcg	60
gcacgagggg	tctccaaga	gtttggggcg	cggacnnnag	taccttgctg	gcagttatgt	120
cggcgtntgt	agtgtntgtc	atttcgcggt	tcttacaaca	gtacttgagc	tccactccgc	180
agcgtctgaa	gttgcctggac	gcgtacctgc	tgtatatact	gctgaccggg	gcgctgcagc	240
acggttactg	tctcctcgtg	gggaccttcc	ccttcaactn	ttttctctng	ggcttnatct	300
cttgtgtggn	tgagtttnat	cctagcgggt	tgcttgataa	tacngatcaa	cccacngaac	360
aaagcngatt	tccaaggcnt	ctgccacagag	cnagcctttg	ntgannttct	ctttgccagc	420
accatcctgc	accttggtgt	natnancnta	ggtgnctgaa	tcatttctcan	ttncntaatt	480
gangagtang	anactaaaag	aatggtgact	ctttgaatct	gctggataag	agactngaga	540
tggcagctta	ttggacacat	ggattttctt	cngatntgca	cttactgcta	gctntgctan	600
ctatgcagga	gaaaagccca	tagttactgc	gtgtnacaaac	aactntctaa	cnaacattca	660
ttaateccann	ngannccctt	caangaatgg	taancctatg	ccnttcaana	tactgaactt	720
nntgccactt	ntggcaaaaa	aaat				744

<210> 4458

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (809)

<223> n = A,T,C or G

<400> 4458

tatcacatat	acacatatgt	gtcccatata	cacatatata	catatgtgta	cccatatata	60
catatacaca	tatgtgtacc	catatacaca	tatacacata	tgtgtaccca	tatacacata	120
tacacatgtg	tacccatata	cacatatata	catgtgtacc	catatacaca	tatacacatg	180
tgtacccata	tacacatata	cacatgtgta	cccatatata	catatacgca	tatgtgtacc	240
catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	catatacgca	tatgtgtacc	300
catatacgca	tatgtgtacc	catatacaca	tatacgcata	tgtgtaccca	tatacacata	360
tacgcatatg	tgtacccata	tacatatata	tacctgtgtc	ctatatatac	acacacacac	420
atatatatat	ctatatacct	acatatatat	acacacatat	atatatacct	ggatcatttt	480
ttaaaatgct	caacagtaca	cacatgtaac	agcatttcag	tcaatggntg	gactgcatat	540

ttgatgggtgg	cccataatat	tataacggac	agaaaaattn	caatcaccta	gtgaagcata	600
gcacaatgca	ttaattactc	ttggggttgg	ggggcatggc	tggtgtaaac	aaacctacca	660
tgctgncagt	nccataaaca	tatagcatat	atagggtata	tattatactt	naataataac	720
tatggtgntg	gggtaagnat	ttaatgnatt	taccatggnt	ttaaaganaa	ctcctcctac	780
ttttttccaa	aagtactnta	aaacanncn				809

<210> 4459

<211> 840

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (840)

<223> n = A,T,C or G

<400> 4459

agggccagtt	tgatcattcc	aaagatggtt	ggttaggccc	cgccctatg	ccagctgtca	60
caaaagcgga	aatggacact	caagaaccaa	gatgatatca	acctccatca	agacagctcg	120
gaaaagtaaa	agggcacag	ggctgaggat	aaatgattat	gataaccagt	gtgatgttgt	180
ttatatcagt	caaccagtat	taaaggcctg	cctgatatac	aaccctcgaa	tgcaacacag	240
tgctcttctg	aggccactct	aaaggccagg	aaaggtttgc	taagaagtct	gtgctgttaa	300
aaacagaaga	aaaagaccct	tatcccattg	ctctgtgtct	ggtggctata	gggatagtat	360
ttcataaaaa	aagaaaggca	aaaataattt	tcaaaaatga	ttcaagaaat	gctgtcaaag	420
atagcaaaaag	aacagagtcc	tcagagaaca	gtgccaggga	caggataagc	actcaataac	480
atataacact	gggtaatgct	tgttgagtgc	tggtcggttg	ttgagtgcct	nctattgggtg	540
gagtgccttg	tgttgagtgc	taactgctta	ntgctanctg	gtgnttgagt	gcttgggttg	600
ttgaagtgcc	tnncttggtt	ggttgagtgc	ttgttggttg	aaatgcctac	ctgggttggtt	660
ganntgattg	ttggttgant	ngctaaccnn	ttgtttnatg	cntnctngtt	gttgaatngc	720
tttgtngttn	aaagctaach	tgtttnttgn	atgctttgtc	ctggcctggg	gcccttnttt	780
ttaccccttt	gatgtncat	tnnttccatt	taactttccc	caattncctt	ntttgggnnc	840

<210> 4460

<211> 980

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (980)

<223> n = A,T,C or G

<400> 4460

ttcctaattc	tnngctctcg	ttctttttgc	aggatccctc	gattcgaatt	cggaacgagg	60
aagccnaatt	gaattgtggg	aacaggaaca	ttcaaaggca	tttatggtga	atgggcagaa	120
attcatggag	tatgtggcag	aacaatggga	gatgcatcga	ttggagaaag	agagagccaa	180
gcaggaaaga	caactgaaga	acagccaggc	tggtcttgaa	ttcctgacct	cagggtgatcc	240
acctgcttcg	gccttccaaa	gtgctangat	tacagggtgtg	agccaccacg	cctgggctaatt	300
tttgnatttt	tagtntaaat	gggggttntt	ncaaagcttg	gncttttgaan	ttncccaanc	360
ttcangnggg	aatncccncc	ncccttttgg	gcttcccccn	aaatggcttg	nggantttcc	420
annggccntt	taagcccaac	cnttngcccc	cnggncctgg	aatngntttt	ttttgaaatg	480
gaattttttt	taaaaaaatg	gggggttttt	cnaggccatt	tttaaaaaaa	ccnttttana	540
acttggaatt	ttttaaaatt	attattttaa	aatttccctt	ttttaaaaac	ctccaaattn	600
ttaaatgggt	taaaatatatt	taccttggtt	anccaccttt	aacttaagcc	tttttcntgg	660
aaanggtttg	ggtcctnttg	gagaatnaag	aatttggaaa	aaatggacca	ggtttngttt	720
ggatttttct	tgaagggtaa	attttacccc	caaaatttaa	aattattatg	gtattgtggt	780

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accnttttgaa aaaaaaaaca tnttntannn cttntntnct ctaannectn cttntnttat 840
aaaaaaacct ncnnggggcc cttttaaaaa ccttttttgn gggnggggcc ctttttttac 900
cngntanaat nccccnaacc ttngatttan ggnnannect tttgnttgaa atttttgnnc 960
aaaaccccc aatcttttgn 980

```

```

<210> 4461
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

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<400> 4461
tgggnnnnnn nagngtnggc ttttcttatt ntggctgtaa ccgntngnag cncgcacnca 60
aannggctgg gncgaattcg gcacgagggt tggaacagca gcactataca tgaaatataa 120
accaaanaac tttactgttt ctaaatttcc tagattgcta ttatttggtt gtaagttgag 180
tattccacag aaagtggtaa ttatctcttc tctcttcttc cattagaaaa ttaggtaaat 240
aatggattcc tataatggga gcatcaccac ttattaaaac acacatagaa tgatgaatta 300
aaaaagtttt ctaggattgt cttttattct gccacattta ttgataaaca gtgaagggaat 360
ttttaaaaaa tttttaagaa ttgtttgtca cgtcattttt agaaatgttc tacctgtata 420
tggtaatgtc cagtttttaa aatattggac atcttcaatc ttaaacattt ctatttagct 480
gattggttct cacatatact tctaaaagaa acttttatgt tataagagtt actttttgga 540
taagatttat taatctcagt tacctactat tctgacattt taggaaggag gtaattgttt 600
ttaatgatgg ataaacttgt gctgggtgtt tggatcttta tgatgctgag ccatgttctg 660
cactggtgct aatgtctaataa ataatnttat atttacacac ataccgtgct acccagagat 720
taatttantc catangaacc attgacccat tgttcattga c 761

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```

<210> 4462
<211> 753
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(753)
<223> n = A,T,C or G

```

```

<400> 4462
gnnnnnnnnn nagngtttga antcctcctt ngaaatcctt tggcnactcg ctctttntgc 60
aggatcccat cgattcgaat tcggcacgag gggcaatgca gttataatac tgtgttaatt 120
tcagacatct tctggctctc cgagccttgt atttacatac tagctgaaac tgcaagtggg 180
aatgaatgga gctgatgata tttgccttat cctaattttt ctgtgaggag gagaaaaaca 240
cttgtgcttc aaataagcag atgtgaaaac acttctcact aatcaaaatg tttaccacta 300
ggttatgaga gtctgcctct cataggcagt gaatctgata tgtatactta gtaatataag 360
tctatttagt ttgacaaaac cttagagcag aatttttgca gcttagttca ggatgatcac 420
tagcaatgcc aaacttcatt ttttattgaa cttggatcca agaaggcctg ctgtgtctat 480
ttcagtatag actctcatat caatatattt atgctccaag tcaactacacc cagaagtgat 540
gcagtggggg aaatgcaaag acaacatcac tgtaagattc acagaatgga tcttttgtaa 600
aatattttat attgacttaa ggaaaacctt tcattgggaa ttaattaaat taagtcteta 660
atatcctgga agacagtaaa aantnaagcn ggtgntctca antttgaacc cggcnattng 720
naatttcatt ataggaattt ctgaaaataa tcc 753

```

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<210> 4463

```

<211> 913
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(913)
 <223> n = A,T,C or G

<400> 4463

gcgtccentt	tcaacnttgc	taatcgctgg	ctatcgttct	ttctgcagga	cccatcgatt	60
cgaattcggc	acgaggccat	gggcgcgcgc	cccgcccggt	gttaccggta	ttgtaagaac	120
aagccgtacc	caaagtctcg	cttctgccga	gggtgtccctg	atgccaaagt	tgcatttttt	180
gacctggggc	ggaaaaaggc	aaaagtggat	gagtttccgc	tttgtggcca	catgggtgtca	240
gatgaatatg	agcagctgtc	ctctgaagcc	ctggaggtcg	cccgaatttg	tgccaataag	300
tacatggtaa	aaagttgtgg	caaagatggc	ttccatatcc	gggtgcggct	ccaccccttc	360
cacgtcatcc	gcatacaaaa	gatgttgtcc	tgtgctgggg	ctgacaggct	ccaaacaggc	420
atgcgaggtg	cctttggaaa	gccccagggc	actgtggcca	gggttcacat	tgccaagt	480
atcatgtcca	tccgcaccaa	gctgnataac	aaggancatg	ttattgatgc	cctgnnnnag	540
ggccnanacc	nagtttctctg	gccttnttan	cntanngatn	ttngaganaa	gtntcatttt	600
aactttctctn	tgctatatn	ncaanggttt	tanntttngt	ngantgaaaa	agcgggcttc	660
atcccaagat	ggnetgtggn	ggtcanagtt	ncattccena	gtngtnnncc	cttntggana	720
anttggtcgg	ccccttgac	tcattgacgg	ccttcncaat	tggtgctnna	nccccctttt	780
taatttcttt	aatnaatnn	actttattac	ctttnctgg	ctctaancct	aatnntctca	840
tctncatctn	taatntctna	cactaccnan	ntttntntca	ntattccent	cnaacctnat	900
caaacttttt	ncg					913

<210> 4464
 <211> 1274
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1274)
 <223> n = A,T,C or G

<400> 4464

tttttngggg	gggttttttn	nnnnnnnnnn	gggggnnttn	nnggggggcn	gnttttttnc	60
ttaaaanagn	ngactggnnn	ngctgaaaaa	ctcgggcctt	gggggannnn	gnccccccnc	120
gaaaaacanc	agggaaaaaa	angggggggg	ctgggggggg	gggnnnnnan	nnnnnnnnnn	180
nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nnngnnnggn	nnannggnnn	nnnnnnnnnn	240
nnnnnnnnnn	nnnnnnnnng	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnang	ggnnnnnnng	300
nnnnnnngnn	nnnnnnnnnn	gnnnnnnnng	nnnnnnnnnn	nnnnnnnnan	cnnnnnnnnn	360
gnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nnnnnnnnnn	cnnnnnnnnn	420
nnnnnnnnnn	canaaggggn	nnnanncnnn	nnnnngnnnn	nnnnnnngnc	nnnnnnnann	480
ngnnnnnnnn	nnnggnaaga	angnnncnna	cgagnnnnnn	gannnacgan	nnnngnnaa	540
cnnnnnncnag	ngccgnatna	gancacgaat	ngngagagag	ancngannan	gnnggnnnnn	600
ggnaangnnn	ncgnaaanga	annggnacca	gnngganann	cnnaannnga	ngncnnnagn	660
nnnngnnggg	nnncnnnaac	ncnngggggn	nannanngna	nannnggnnc	tnnggggnnn	720
nnnnnnnnnn	nnnnnnnaann	nnnnnnnnnn	nnnnnnnnnn	cnnggnnnnn	gggnnanann	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnannanng	nncaannnnnn	gnnnnnnnnn	840
nnnnnnnnag	gnnnnnnnnn	nannnnnnnn	ngnnnnnnnn	nnnnnnnnnn	nnannnggnn	900
gnnananann	nnnnnnnnnn	nnnnnnnnna	nggggggnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnngnnnnnn	nannnnnnnn	ntncnnnnna	nccnnnnngn	1020
ngnnacaann	ncnctngnn	ggnetnngna	ngnnncncaa	nannnnntnn	gnnnnnnnnn	1080


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tngnngncaa ananggggnan annnantnnn nnatgggngg gggacnnaan tnnccnccct 1140
nattcaanna ntggnggaaa aaactggngg nnaananantn aaaccccaga nnggcnaaaa 1200
ntcattccctt accaaaaggg ttangacctg gnaancctng tgggcnanaa aggtncctnaa 1260
acattcnttt nanc 1274

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<210> 4465
<211> 1039
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1039)
<223> n = A,T,C or G

```

```

<400> 4465
atggnnnnnn nnnnnntttt ttttggaataa aaannncccc cctttttttt nctnaaaaa 60
attggggcctt tttggggcaa aaanttttngg cctncttctn tnttttggnn tnttgnnnat 120
nccccnattt cgggnatttt nccggaaaat ttccggggcc naccgggnagg ggggnattagg 180
cccttttnana nagncccaaa nggtntntta cccaaagggn tataattttt aaagnnatgg 240
gggnaccagg gtgtntngcc ccaatttagg aaagggaat tttntctnaa atnaagttgg 300
gggtntannt ggccangtgg ttacctnggg gcattnggna aatatnttct tgggaacttg 360
aggntntaaac tggaanggga gnagccctna aacctatagt aacttcant cccacaagt 420
atactagaat tngtgcctcc tcgatttata ttgcaagngt ntcaaangtg tcaactgnac 480
acaaatagaa acactgccaa cttgggtgtaa cttaagctnn catttaacta aaacattntt 540
ttcttgcaaa acttatttat tcatgatcaa tttnttggtt atntattata ctttgattcc 600
taaattagtn catccttgaa tctatgaaac tgggtgcagtc attatgcccn naaatnntct 660
naaaatatat taatgggtca ccttntctgt caaaggggtg gtgcaanggn cttgcagcat 720
tnttacatnt tgtgctttgn tangaaaatg taaactctna ggctccacaa nttnaacttg 780
ctgcattttt taacaaanaa tccccaaagg gatatgtaat gtcataana aatttgggac 840
anctgggttc nantggaaaa angggntctn aagggnatgg cataaacttg gtggtnccgg 900
tnanggnntt naaggccttt tccaacttta nannnnnttc tgattttgga antnttccan 960
tnggntntaa naacctnntt tatatatcna anattagggg cctttnaaaa aaanncttat 1020
ttngctagn aaacctnnc 1039

```

```

<210> 4466
<211> 931
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(931)
<223> n = A,T,C or G

```

```

<400> 4466
ggaagcgggg gggtagcttt tncaaaaagg ntttcaatng cnggtgaacg cccctaaana 60
nnnanccatc ganacnaatt cggcacnaag ggcttccggn taaaccantc angggtatnc 120
cnatgnntaa gncatcctng gncngnntat aacnggnccc attcanctgt nanatananc 180
ttcnanantt ntcnacang gnnnanattt tnnntctgca atnnnanagn naacctnttt 240
nnnncnmmtt aangaggcag nnagctacct ttgaangaac tacttgnaaa cntnntnttg 300
naattcaang nnaancntc ttntntcna nntnnttant gttgcnnnnn nctcaantcg 360
tatnmcctg ngggetccca tcacntnntt acttataant antngnttan aaannntngn 420
ectantatag gggnatnctt nttnnnnann nnnntcctn caaatcccaa tctngnaang 480
aattnnccnt ttctgnaatn caattattna angannaatn gntnnnctan tncattnann 540
nnctantant ttncnncnn nncnttgnaa ttncnttat acccantaaa tngctactnt 600

```

taatnaggat	tnanagtacc	cannttgcnt	ttnttncaca	antntaanen	ntgcattatn	660
taaaatcann	naagncgana	aattntnttc	naaccccnng	cnncaaaanta	ccnattttcta	720
atanngacnt	annngnnnnn	annnccctaa	nannatatac	nanatntntt	ncennacant	780
ccnagagtag	aantccccctt	nntcacacnn	ntctctanta	cnentnaatt	ttenntacan	840
atataaanta	ntttntctna	ttaangnnnn	ntnnaaantt	ctancnaann	tanattanen	900
ancctctnan	ataatcnttt	ttnnngnatn	c			931

<210> 4467

<211> 804

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(804)

<223> n = A,T,C or G

<400> 4467

cnaatncttg	gctactcgct	ctnttgcagg	atccnttttg	acgentttgn	acgnccgtat	60
ncttcaacca	atgtctagt	cacntatcct	ntntaacnca	naattctcaa	acccagnttt	120
acaacatttg	gtaggatnct	ataaagngct	aatcntattc	tggatnatga	cgaattttgc	180
atgctaantc	tttgnancnn	gtcnccccc	aagntgcntt	acatgtacag	attcgtgtaa	240
ccacgtgtaa	ccacataaaa	ctnatgaaca	caaagtcctt	catgctacct	tctatgctta	300
cactenanc	aaacctaacn	ctgccaacn	ctnntctecn	atcaggatca	ttncntcann	360
tcatgaatnn	ganagaantn	aaattgtntt	tgcacatggt	atntataaat	tttatatnga	420
taagccatnt	gaatgcttat	ngatagagag	tctgtgagct	cntggcattt	ctggcactna	480
gcanattacn	cctaaggntt	atatgagtag	annaanagnt	gtattancat	nannttntac	540
caccatgnat	cngacccgat	gaaannnggt	nataatntgag	agtngtgtac	aggatttnat	600
gtgnaaattc	gnatnnatcc	ancgatgaga	natattgcac	tgttntcccn	ggtcntaacn	660
gccctggnat	naaanatgcc	ttgggaaaaa	tggtatcaaa	nnaacntnna	ncagcccnan	720
gggnaaaaac	cnnangaant	tcagaggcnt	cntngnacca	antntggagg	nnnaaaaanac	780
cngggncncc	tgganantaa	ttcc				804

<210> 4468

<211> 1116

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1116)

<223> n = A,T,C or G

<400> 4468

tantacntan	ctnancntn	tggcntnagt	ccgtccncta	tcgcntgtng	cttaaattac	60
tgncgcgtta	aacgtcggac	tggaaacctg	cgtaccaact	aatcgccctn	agcaaaatcc	120
ccttttggca	gctggcggt	aaancaaaaa	ggcccgaaac	gatcggcctt	tccaaacagt	180
tggcgcaacc	ctgaatgggc	gnaatnggaa	ccccccctgg	taagcngggc	ccaattaaac	240
cccgccggg	gtggtgggtg	ggttaacccc	gccaacgggt	ggaanccggg	ttacaacntt	300
gggccaagcg	gcccccttaa	accggccccc	ggctttccct	ttttcggcnt	ttttcntttt	360
cccccttttc	centttttct	ttcgccccca	accggttttc	ggcccccggg	genttttttt	420
cccccccggg	tcnnaaggc	ccttcnttna	aaaaattccg	gggggggggc	cctttccccc	480
nttttttaaa	gggggggttt	nccccgaaa	tttttnaaaa	ttgggccttt	ttttnaaccg	540
gggggnaanc	cccttttggg	aaanccccc	ccaaaaaaa	aaaaaacttt	ttgggaaatt	600
taaagggggg	gtnggaaatn	gggggttttc	caaacgggtt	naaantnggg	ggggnccccc	660
atttcggggc	cccccttggg	aataaagnaa	accgggggtt	tttttttttc	ggcccccccn	720

```

tttttgggaa ccggttttng gggaagggttc cccaaccggg ttttcctttt ttaaaaataa 780
aggnggggga acttcctttt gggtttncct naaaaacctn ggggaaaacn aaaacaacct 840
tttaaaaaacc cccttaattn tttcnggggn cctnaatttn cnttttttgg gaattttnaa 900
tnaaaangggg gaattttttt ggccccgaan ttttcgggnn cccttaattn ggggnttaaa 960
aaaaaaaatg gaaagcctgg aanttttnaa accaaaaaaa aattttttaa ccgccgnaaa 1020
ntttttnaac cnaaaaaata nttttaaacg gcctttnaac naaaattttt cccttggaag 1080
ggccnggggg gnaaaaaaaa aatttttttt tttttt 1116

```

<210> 4469

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (766)

<223> n = A,T,C or G

<400> 4469

```

aatncnagct ctcgntcttt ttgcggatcc catcgattcg ctagttcgag tttttttttt 60
tttttttttt catgaaaata tagtcatcaa atttattttc attgggatgc cattttttga 120
agaattccta agactaatgt ttcttgacat gcaagagtta gcattaatag cttacgttac 180
tataaatact gctgcttgga agcagtacaa ctgtttttaga gttttaagac tacagacttt 240
cattactcaa atcttattca gtaaatgtaa aaatcagaag gttctgaaca gctgggttagg 300
aaggtagcca agatgcagga aagatgtctg cgcctccttt tcaagggcag ccaactnttg 360
aacagtaggt gccccaaaata tccacatggc ctttatagct ttcaccacca gcagcccttt 420
tntgaccgta ggtaactttc ccatcaaatt catccactgg tacctttata tccggntnaa 480
cctgagaaat ggtncagttc agngttctt ctatctcaga tagtaactgc atctcgttgt 540
accatatggt caagcctcat cttccttgag tcttggggta taacaccctt ttccacggnt 600
gtacataaca tggnacnnaa ccataaggaa caccnggat atcaattcct ntagcagntc 660
atctgngcaa atcaagaatc tttacatctc cttcttaaan cttttccaag tttgcctttc 720
tctcatgggc cattggaaat ttctcaaaat aatgaccagg ttttct 766

```

<210> 4470

<211> 926

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (926)

<223> n = A,T,C or G

<400> 4470

```

annnnnnnnn annnnnngnn ggngnnnnna nnnnnnnng aannnnnnn nnnnnnnann 60
annnangggg gnnnaacnnn nnnnnnnnnn nnnnagnttg aattcctaaa gccaaaccnc 120
nnntttggca ggaagcannc agncengggg tccgcaacgc nggnaagngg acagnnngga 180
aaanaaatnt ttngcagaca aggatgtcaa gggnggnggc gggngnataa cacncggcaa 240
gtgggacagc nttgaacaan aacnagnagn cgnenggaac ngcctaaccg gagecnanng 300
ctcgaanaag gaaataagga agccacangg nangcagacc tcaactganac atgaaccag 360
cgcanaggtg gcggancngc ncnaaangac nagagaggca nagngaaaa annnatnaat 420
gccngncnng agaataana acagcgctac aacaggcatg nggatatggg aaacaacnan 480
tggggacnag anacnnaggg aangnacggg annaaaaaag ggggggantt naannncnccg 540
anggagggng cgagnacnca ntggaaagaa agggaagaca ntncacggaa ancnganctg 600
acaaangatg aatangnggc cacagggagg aagggaactg gcctgagagg gaanaaancg 660
gnacnnaang aanggaaccg agggccaagg gcaccaanaa gaaaaaanc cngaaaaaa 720

```

```

aganggggna ntatgngcct ggggggggna aaagcccacc aanttaaagg canaaaaggg      780
gggggnaaaa acnctgggnt nncaancaan aagggggggc ccncccgggg ggggggnccc      840
ncgaaaanaa aaacnggggg ggggnttnan gngggnggga nncncaccn ncccnngaaa      900
aaggggggca aaaaaaaaaa ccccn                      926

```

```

<210> 4471
<211> 924
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(924)
<223> n = A,T,C or G

```

```

<400> 4471
acaccttggg tgcnngcacc gcathanaac ccantcccac cacannncan gagcnngtng      60
nncnctnttg gagngggcnn agngatgncc cgaatccgtg ggctactagg gagccctcac      120
ttgggctacn ggggtggaggc ccatgatatt gnggcctcaa agatgttatg attcacctcc      180
atcaannccc ngaantgaat aattcttcct atcanttaat nanggtgatt acccagnaga      240
atgccattnc ggtntgcntt ggtatttnac aaaaagaanc tgggggaacc acttgggtgt      300
gacattttat gggtnaaaaa taatgatctg gnaaattgcc cgggacccn catgggggaa      360
tgatagatcg acaagggtcta ctcatgggtg ggagatatga ttaaangaag ncnatggcca      420
ttgnggttng gaaataatcc ananggantt ncanccaatt actgnaaaaa aanttnnttg      480
gaagnggnca cccctaaaaa tctntcccag ttnttagagn ataccntta ctcccttaaa      540
naagggattt gttgaaanng ncanttttnc aaatntaatn ccaaacanag gncnaccctt      600
aatnaccntn gccaaagnag cnngttttgn ngatttttcc caaaaggagg naanattcct      660
ttccngnntt tggcgaaact gtagnanaat tcccnnttt gnggtgggag gnnnttagcc      720
cnnttctaaa aaaanggang ngaacccctt tgtgntttcn tattccagag cccgctnntc      780
ctcngtaaan aananaaata aangnccant tnttttatnn anagaaattg ggncccaatc      840
ttanggaacn tttttgtggg aancttatna ttcccnmaca tacacaaaaa aaacanctc      900
nccgnccctt ttnnnaactt tncg                      924

```

```

<210> 4472
<211> 902
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(902)
<223> n = A,T,C or G

```

```

<400> 4472
ttcagaagaa cgcacagatg aaatgacaca taaagaaaca aatgagcang aagaaagatt      60
gctcgcccag cttcttcact aaatcatccc gcagcagcag ggactcgggtc tagcaaggcc      120
atcttgttgc cggacctttc tgaaccaaac aatgagcctt tattttctcc agcgtcagaa      180
gttccaagga aagcaaaagc ttaaaaaata gaggttcctg cncagctgaa agaattagtt      240
tcggatttat cttctcagtt tgtcatctca cctcctgctt taaggagcag acaaaaaaac      300
acatncaata agaacaagct tgaagatgaa ctgaaagatg atgcacaatc agtagaaact      360
ctgggaaagc caaaagcgaa acgaatcagg acgtcaaaaa caaaacaagc aagcnaaaac      420
acagaaaaag aaagtgtctg gtcacctnct cccatagaaa ttcggctgat ttcccccttg      480
gctagcccag cttgacggag tcaaagagca aaccagaaa aactacngaa gtgacaggga      540
acaggtcttt ggganggacc agaaagaaac tgtntttctt ttnccaaagc anaattttac      600
gccaaaanaa aatgtctgtt antttttttg gggaagattt ttaatgtacc ccttnttttg      660
gtaaagggtc ntcaaaaaat aggtggnggg gattanttna aaataatntt aanttttggg      720

```

```

naagnaaaaa ataanttttn tttttnaaan ttntttgggt aaaaattttt ttntgggttaa      780
aacaagaaaag gggcttttca anttaagggt aaaggtnaac ctcccntnt tggngggngg      840
aattgggttt caaattcccn cgggccaaaa nnnttcctta ntttttaata ttttaaanac      900
tt                                                                                   902

```

```

<210> 4473
<211> 816
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (816)
<223> n = A,T,C or G

```

```

<400> 4473
gnnnnnntttc naatnccttt cctaatacna gctctcggtt tttttgcagg atcccatcga      60
ttcgaattcg gcacgaggac ttctgaagaa catgaagcaa gcagaagggt gaaagcggag      120
ctgctgggtc agatggatgg tgttggaggt acttctgaaa atgatgacct ttccaaaatg      180
ggtatgggtc tggcagctct aattttccct gggatataga tgaggcttta agacgacgcc      240
ttgagaaacg aatctatatt cctttgccgt cagcaaaaagg caggaggagg ctattaccaa      300
taagtctacg tgagttggaa ttggctgatg atgttgacct tgcaagtttn tcagaaaaca      360
tggaagggtta ttcaaggncg ggcatttcca acgtgtgcag ggatgccttc cttgatggca      420
atganaaagc ncnttgaang ttttgactnc caggaaatcc naaatctttt cnaagaagaa      480
atgcncatgc ctacaactat ggaggatttc nagatggctt tnaaaaaggg ttctaagtca      540
gtgtctgctt gcagacattt gaaaagatnc cagaaatgga tatttgagtt tggatcatgc      600
taaattctcc atgtnaactg tgagaaatgt gcccttaagt ggtttgaata ttaaatgccc      660
gtaattcatt ggactggagt gcttatattt ttttttaact ttcattaatg gtaagaattt      720
tttttaaaaa aaanccctta tgaattcttg naataaaaagg ccaatatttt ttnaagcctg      780
gaaaaaaaaa aagccctntt agaaactntt tgtgga                                     816

```

```

<210> 4474
<211> 878
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (878)
<223> n = A,T,C or G

```

```

<400> 4474
ttcctaattc ttggttctcg natctctgca ggatcccttc gattcgaatt cggcacgagg      60
ggggaaaaatg acagaggaaa aagagaaant ggancagana aaaatagtgg aagaaatnat      120
agctaaaaaaa ttcagaattc agtgacangt agaaatttac agatatcnga tcatatgctc      180
aagaaacacc aatgngaata aatatttann antcccacgc tggttcttgc aaactttttg      240
aaaaccaann ttgaanagca aatnttgnaa gcacatgata aaagccatnc cnnnaatnat      300
ccagtttaatt ggcttgactt cttactggaa accctttnnn accanaaacg gncttggaat      360
aaacnttttc aagggttctt ntaaagaana attcgnaaaa ntnttaaccc ccaatttttt      420
ttttttttta nntgaaagac nccnctntg ttcccagggt tggmagtttc ccttccgnt      480
gcccnnccct tangnnaact ttttggagg ggganactcn tntgactttt nnnccnnggg      540
ntnnnccttt nnttncctng cccnntttcn tntttttgac nttttntgn gcnntncang      600
genttnaann ccnntgaccc ccttcaant ncatngnggg gaaacngggg ntaannggca      660
tangctcttt tatttaagaa agcaccnncn naatccccct aaacttttct tnaattnacc      720
cttttnggga cccctctagg ncngcttnnn tgntttaccn ngntccncca aanttncaaa      780
cttggnaaac nntnttgnaa ntcnggggg aatataggna cctttggaat ttttaaannc      840

```

ancctnntt ggcnngeect ttgggccttt anaaanct

878

<210> 4475
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(714)
 <223> n = A,T,C or G

<400> 4475
 gngnntntat agcangetct tgttcttttt gcaggatccc tggattcgaa ttgggcacga 60
 ggtcaaggct cagtcgccag catttcccaa cacaaagatt ctgaccttaa atgcaaccat 120
 ttgaaacccc tgtaggcctc aggtgaaact ccagatgccca caatggagct ctgctcccct 180
 aaagcctcaa aacaaaggcc taattctatg cctgtcttaa ttttctttca cttaagttag 240
 ttccactgag accccaggct gttaggggtt attggtgtaa ggtctttcat attttaacaa 300
 gaggatatcg gcatttggtt ctttctctga ggacaagaga aaaaagccag gttccacaga 360
 ggacacagag aaggtttggg tgcctcctg gggttctttt tgccaacttt cccacagtta 420
 aaggtgaaca ttggttcttt catttgcttt ggaagtttta atctctaaca gtggacaaaag 480
 ttaccagtgc cttaaactct gttacacttt ttggaagtga aaactttgta gtatgatagg 540
 ttattttgat gtaaaatggt tctggatacc attatatggt cccctgttt caaangctca 600
 gattgtaata tgtaaatggt atgtcattcg ctactatgat ttaatttgaa atatggnctt 660
 ttggttatga aaacttttgc agcacacttg aaaagctgnc tgtggatcat tgng 714

<210> 4476
 <211> 786
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4476
 gggtcancga atgectgtgg aancegcect tctctncagn agccentega tncgtnttga 60
 actatcaact agatcnggga agatagaaca ggcntttttt ncatngcctc gttnacaaag 120
 ngtcacacag aaaagtgttc ctctaggaag gcataatatg tggcngatg gatgtgatga 180
 gtagattgta aaagggttgg gattctggca gaacangaan agatnactna attattggaa 240
 tcaactgaga aaagagnnca ttagcatgcn ggctaataga ccctaataana acnggggtgtg 300
 aaaagatggg atctggacct agaggcagtc ttagagccat aatnctngat ttctnctttn 360
 ngngaaagcg acaggtactt ntggnetgag gccataaatc agntntatcc taaatggaaa 420
 actatatncc actggggatg gtaatcacc tttngataag aaagggtaga anccacaatc 480
 ttcaacagaa atggaactta tcaatntaat tnaagaatcc tcaacagtac anttttaagg 540
 nnatggaacc cctgtgmna ancccangtt ccnactgcc nngcctnanc aatcctatta 600
 tnaactgatta gcnnnganaaa agaangcngc anccenttnc naattttttn ttanennn 660
 ggnantnccc ntgaaaggta ancccttnt naaaggggga aattcnaccn nanggaggen 720
 nnnnggcnnng gngaaattnn ccttgaaccc ccnaggcan aaangttgct tnttancccc 780
 agance 786

<210> 4477
 <211> 723
 <212> DNA
 <213> Homo sapiens

1462

<220>
 <221> misc_feature
 <222> (1)...(723)
 <223> n = A,T,C or G

<400> 4477
 gcgntctaata gnnngctctt gttctttttt caggatccca tcgattcgaa ttcggcacga 60
 ggaagctccg agtacctgcg tgccctcttt gtctacgaga agggggctcg ggtgcttctg 120
 gttccagaca ataccttccc ctgggctat tacctcatcc ctttcacagg gattgtggga 180
 ctgctggttt tggccatggg agcagtaatg atagctcggt gtatccagca ccggaaacgg 240
 ctccagcggg atcgacttac caaagagcaa ctgaaacaga ttcctacaca tgactatcag 300
 aagggagacc agtatgatgt ctgtgccatt tgccctggatg aatatgagga tggggacaag 360
 ctgcgggtac tcccctgtgc tcatgcctac cacagccgct gcgtggaccc ctgctcactc 420
 agaccocggaa gacctgcccc atttgcaagc agcctgttca tcgggggtcct ggggacgaag 480
 accaagagga agaaactcaa gggcaagagg aggggtgatga aggggagcca agggaccacc 540
 cttgctcaaa aaggacccca cttttgggtt ctageccccc tctttccacc ttctttgggt 600
 cctttagccc cagctnccct ttgggttttc ctggggcctt tnaacagatc cccactgtc 660
 cccttccctt tncctgttaa tcttgggnta ataaccccc acaacttaca ctttggggg 720
 acc 723

<210> 4478
 <211> 764
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(764)
 <223> n = A,T,C or G

<400> 4478
 naatagcagc tcttggtctt tttgcggatc cctcgattcg aattcggcac gaggctgtcc 60
 actccagttg cccttggtta agtttagcct aacacacagg gttttgaccc atagttctaa 120
 aatacacaaa ttttgagact acagcacttc tttggaaaga ggaagaatgc aaagttcagt 180
 atttcaatac tttgtatttt acttgaaatt acccttagta gcatcttttt tttcctgtct 240
 gaaagctttt gtgtggatga gaaggacat ttcatttctt ccttaacaa agtgtcattc 300
 tgagggtctc atgtgtgttt ttggaaatag agatactggg tttgtagagt ttgcctttgg 360
 gtatgttntc ttttttctt aaatctccaa ggaagagAAC tgactaaaat agtaggaaca 420
 tgaaagtatt aaatgccaat taatttggtg tagtaaagta tcttcattag cgttatactc 480
 catcatatct ggtgtaaact gctcacagaa aaccctatga aaccaaaggg ggaccattca 540
 ggtctaaaaa ggcacagggt ccgagactgg gtctgtcacc tgggcatttt caaagaggac 600
 attttggaag aatttgcata ttcagatttt taaaatgcac ttaacatact tcattacaga 660
 attcttgggt agggangatg ggataggcca nggatgggat ggaatcagtc tgccctgggaa 720
 cttaatnccg aatcatttan ccttctggat taacccttgg ncng 764

<210> 4479
 <211> 836
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4479

gaggaaatca	gtacgctgag	gggccaagt	ggaggccagg	tcaagtgtgg	aggtggattc	60
cgctccgggc	accgatctcg	ccaagatcct	gagtgcacatg	cgaagccaat	atgagggtcat	120
ggccgagcag	aaccggaagg	atgctgaagc	ctgggttcacc	agccggactg	aagaattgaa	180
ccgggagggtc	gctggccaca	cggagcagct	ccagatgagc	aggtccgagg	ttactgacct	240
gcggcgcacc	cttcagggtc	ttgagattga	gctgcagtca	cagctgagca	tgaaagctgc	300
cttggaagac	acactggcag	aaacggaggc	gcgctttgga	gcccagctgg	cgcatatcca	360
ggcgctgac	agcggtattg	aagccactg	ggcgatgtgc	gagctgatag	tgagcggcag	420
aatcaggagt	accagcggct	catggacatc	aagtcgcggc	tggagcagga	gattgccacc	480
taccgcacct	gctcgaggga	caggaagatc	actacaacaa	tttgtctgcc	tncaagggtcc	540
tcttgaggca	gcangctctg	gggcttnttg	ctgtcctttt	ggagggtgtc	ttcttgggta	600
naagggatgg	ggaaaggaaa	gggaccctta	ccccccgnt	nttttcttg	accttgccaa	660
ttaaaaaatt	tttggtacca	agggaaaaaa	aaaaaaaaaa	aaaactccan	ncctnttaaa	720
actattagt	aggtcgtatt	accttggaat	cnganattg	ataagaaten	nttgatgant	780
tttggncaa	accnccactt	tnaatgcccn	ggaaaaaaa	tgcttntttt	gggnaa	836

<210> 4480

<211> 1174

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1174)

<223> n = A,T,C or G

<400> 4480

ttttttnccc	tttnaaaaaa	antttggggc	ccentttttt	ntttttcctt	naaaaaanttt	60
nggggncccc	tttttttttt	nnttnnnntg	ggncntatng	ggnaaattec	ccccccnaat	120
tcctgttaat	tttttcgggg	cccgggaaaa	aaggtttccn	ttttcngggg	gtttccccc	180
ncgggcncaa	cntttccggg	tttttccttt	tcgggaaatt	tcctttccgg	ggggttnccg	240
ggaaaacccn	tttttcccc	aaaggttttc	ccccagnaa	attccccggg	caaaccggna	300
aaaanggggt	tccccnaaaa	ggntttcccc	aaaagggttc	cccctttnng	gnttncgggg	360
ggttcctttt	nccaaagaaa	tcctttcngg	tttttcgggn	cnggggggtc	ccaaaagggt	420
tcncccnngg	gttcttttgg	ggtnccaaag	ggnaagttec	cttttcccc	aaagtgggtc	480
ccaaaaagaa	aggggggaaat	cncnaantcc	aaagnngtgc	ccgatcgaag	agtnccccca	540
agtctcctga	agaggaagga	gcggtgtcct	cttaagaaaa	tgatgtatcg	gcaagcagtg	600
taaacggagg	acttggggaa	aaaggaccac	atagtcctac	gaagaagagt	ncttgggaaca	660
agcaactggc	tattgaaaag	gttattttgt	aacatttgtc	taacttttta	cttggttaag	720
cttttgccctn	agttggcaaaa	cttcatttta	tgtgccattt	tgttgctggg	attcaaattt	780
cttgtaattt	agtgagggtg	aacgactttt	agatttcatt	attggatttg	gataatttgag	840
ggtaaaaatt	tcatttttgg	atatagtgtc	gacttttttt	gtttgaaatt	naaacangaa	900
ttgggtaacc	taaattttgt	ngggnccttc	tggacttttt	naaggggaaa	acgttggttg	960
ccaggncctt	ttctacaacn	aggccntaaa	angcttggtc	aaagaagatt	ttggacntcn	1020
ggggantttg	gnccntttta	ntttcctttt	aaaaatttaa	aaaaaccctt	tccaaaaaag	1080
tttnggtggg	taaaaatttg	gngatattgg	gggtantttt	tacccttttc	nnnaatcttt	1140
taaaatnngg	ggtaattttt	gggaaccccc	aacn			1174

<210> 4481

<211> 860

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (860)

<223> n = A,T,C or G

<400> 4481

netnacacng	nncagatngc	accaccttat	ggnaactncac	acatntngng	nntaattgcc	60
tnnaatttgn	nnaangggat	ngcctagtgn	tnentgncn	cagaagggaa	agtggntan	120
atagaaaang	acancnngg	ctatatacac	ttaannnggt	natagaannn	ggctactgaa	180
gtcnngact	tntannattn	aaancctaaa	tcacttnttg	tnggacgggt	ttcatntacc	240
tgccanatat	acagcccann	accnatngnt	ggngtgagggn	atnnntgtgc	cgggnttctn	300
tntnanttct	aacaccenna	gttgccataa	anntactcgg	gnntattttg	nntgctcnca	360
aacttgattt	tttttttctt	aaccacogct	tganttagtg	gtcctcnatt	nnngntnnag	420
aaggatnccc	acntgaaagg	ngatnaactg	gtcgnnccan	aacanttggt	tggntctctg	480
tcacttttca	agnccatnta	gtttncctaa	anccgcgggg	tattccnctt	tcnngccta	540
ttttttttnc	cntganaaca	ttcngtnant	ttanaatcng	ggggaangac	cccccttnaa	600
naaactgngc	ccctaantgt	tggtttncac	ttncnccgac	gnnttntttt	ccaaaaaagn	660
ttgctttccc	cncttccan	aaaggaacna	attnttctta	aanaancctc	tnntcnctc	720
ggggaagaag	gcccagngc	ctttgggaaa	ccncaagggg	gaccccnnc	cntggacaac	780
tnannaacnn	nttccngng	cccaaacctc	ttnanttggc	ntnnccngg	tccttanaac	840
ananaaang	gcggnantnt					860

<210> 4482

<211> 1407

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1407)

<223> n = A,T,C or G

<400> 4482

ntttccaaaa	tagcttgggn	aaactccnag	agcnatttag	nganactttg	aaancctttg	60
gaaannccna	annatttnaa	aanaaacng	nnannntttn	nncaganaaa	nnancanaaa	120
nnnnacnng	ggttttttct	aaanaacn	cnangataca	aatgagaaga	naatnnaaaa	180
aaaaagan	nnntnannaa	tttnatnaaa	nacngagtgn	aanngaaacg	cnnaaaaaaa	240
aaaacanata	ttaaanaaan	tttannnaaa	naagngnaaa	annacacatn	ntcnaaaanc	300
nananantnn	aancnanana	nntntatata	anctannntna	ntannnaaac	ntatnatnaa	360
ntnttanata	ncnanatgna	nnaaacagna	acnnatannn	nnaanaatgn	atatgtntta	420
acnatataan	tntnttagan	aganatgata	nntntaaatn	nnnnactata	tanataagaa	480
tatatnacag	agcnctnca	canatgatac	actgancnna	tnntanantc	aanngtggac	540
tntnmganta	taananggan	nacanactag	acnatnnntn	gaaaaganaa	atngnggana	600
canannagnt	tacganatna	nanacagncn	natanncnan	ntntgtcana	natanatagt	660
ancnancaaa	gaanatggan	nnnacgacan	ntnccgtaca	tcnagacgnt	cttactatac	720
atacnagagn	gagancacnn	ncnacactnt	gentnnnaac	atntgtanna	nntanatana	780
tanaatacac	acnagccnnc	atatattaca	cgnagantga	gnncnctacg	tanantatat	840
atanncatcn	ngaananatn	tnacangtat	acncgtanac	ntacagagtc	atnacacgta	900
antctagtna	tctnttnang	aacantntta	anangatatn	attnnaaaang	atatnagant	960
ctacgtangc	gcgnaantna	atntacacat	cnanatatag	acnanacgtg	atntnanana	1020
tganatacta	tganaacnmn	tcnnaacact	nacatatnta	tanaaaataca	taagagtana	1080
catncacaan	cacatacaga	gananaanna	cacanaanan	atacataatn	aananantca	1140
tgantanact	taatcacgna	aaanttanna	agcnattnaa	cganngaaca	ngntacntat	1200
acggntanaa	tacncataaa	ntancancta	nanaannaaa	gnnnnnntnn	cacanannac	1260
tnaancatga	cgatanataa	cangnatctc	aatantnaga	cntatgaaca	aaantagacg	1320
aanagtaata	tatatcnnta	gatnantana	nnaacgagac	cactgaacnt	ntnnanatat	1380
ntaanacatn	aactacaata	ncacacc				1407

<210> 4483

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(755)

<223> n = A,T,C or G

<400> 4483

gagacgcgcc	ganggnaaaa	ccccnaggcg	gannncaagg	acgcgggagnc	ggcacgagggn	60
gagagagatc	angccgcacg	ggccncttna	nnnnccccc	cgncgnaann	cagcaggcgg	120
gnccagtgtg	cnctgcatcc	ncaccgcnga	ggccgcacgac	actatcannc	ccacnnatag	180
gngggaggaga	cagaggcaca	gagcgcccaa	agccccacag	cngggcgagcg	gcagggcnag	240
cgagcgangn	ccactagacn	ggngacagac	gcagaagccg	cgcannncac	ccccgggaac	300
nggaagacaa	cncngacga	gcgagaccca	ggagaacgca	cagncnagcc	agaaaangnc	360
nngcaaccgc	anacangcan	cngacagaaa	ngcgacngcc	cacggaaaaa	gcgagcaacg	420
gaacnaagag	accaacnagc	ngccgggggc	aagggaancg	ggcancnngg	cgncanacna	480
agaccgaanc	gggaagccgg	acccaacccc	aaaacggcca	aaggggacan	accacaaaca	540
gggnanccca	aaaacaccaa	anncnannca	caanccgaag	gaaaaggccg	aaaccaaggc	600
ccgaggnncan	ggngagcacc	aacngaagcc	aaaccgggnc	aganncaaac	ccgnaancac	660
ccaggaggca	ncaggccggc	cccnggggga	nccaggcaag	gnncccgggg	aaaancccca	720
gnnccnngcc	ccngggnccc	angggggaaa	ccccg			755

<210> 4484

<211> 1273

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1273)

<223> n = A,T,C or G

<400> 4484

anggnnnnnn	nnnnnnnnnn	nnagttttnn	nnnnnnnnnt	tttttncccn	aaaaaaattn	60
gggccctttn	nttttccaaa	aaaatggggc	cctttttggg	ggncaaaatt	ttttncagan	120
nnncnnnang	ttttttggaa	aaannccccc	ttttttgggg	naaaaacnnn	nnnggnnnnn	180
nnnnnnnnnn	nnnangnnng	gggnnnnana	nnnnggnnnn	nnanggggnn	nnnatntttt	240
ngnannnggn	nnnnnttnna	ngngnnnnnn	tnnnanannn	tnnnnnggnn	nnnnngggng	300
nnntttnnt	nnangggngg	ggannnnnng	nanannnnnn	ggnnnggggn	nnnnngnngg	360
ggannnnnan	atannnnnan	nnngnnnnnn	nnnanntnnn	ngaatgggna	annnnnnnta	420
aggggnaacn	nnngngcnna	aaannannan	gaggggagga	angnacngaa	ancnnagagg	480
tanggaanaa	aatcgcacgg	gaacntggga	aacnaaanna	tcnannnctt	aacnaanatn	540
taaagnaaca	naaagcnngg	nancanngnn	tgnnctgtta	gnagatctcn	ngnaacaatt	600
tntaaangga	tnaaatctnn	angnaagagn	agctnnga	ngnanangaa	aangaannnn	660
naaacngang	annacanata	aacnaagnn	aaggttnctg	gantanaaga	ggatnaagaa	720
cgtngaaaanc	annaancana	nanaactnga	tgcccanctg	agnttnnaac	nnattatnnc	780
aangaaaant	gncntacatc	anattgggaa	natctaagcn	tcanaaaaana	attnnagnan	840
agnatnccn	ngtatanaaa	ctnngatnct	nngnacgaag	ctataanaat	aannggaann	900
nnncataann	gnannaanna	aataatntat	nttggttnng	gncntatann	taagnaangg	960
catacaagat	natataagan	aagntactat	naanatnct	ngggaagnga	ntcnacacac	1020
tantntntnc	ccnttggang	nnatnagatn	anncnanttn	ngntancnc	nnctgtcatn	1080
ntnaaagaaa	ngttnanaca	ganatcctcg	atanananaa	agncaaagac	anaggannna	1140
caaacttngc	nnannncaaa	ngtcacttcg	tantnnacat	ngnaatanca	natnatnnnn	1200
anacnncgna	angcacaana	ngtananana	catnnataaa	aanntngnat	gntcgacngn	1260
agaangctcc	ncn					1273

<210> 4485
 <211> 1240
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1240)
 <223> n = A,T,C or G

<400> 4485

agggnnnnnn	nnnnnnnnnn	nnngagggtn	gnnnnnnnnn	nntttttttt	ncccnaaaaa	60
aantgggncc	ccctttnnnn	tgccaaaaaa	aaatngcccc	cnttttgggg	gcnaaaanat	120
cngggcccaa	anccccaan	gcnnntttann	aanccggng	gnttttcccc	tngggtnggg	180
ccccagggna	aaannggaaa	aaaggtntna	aaaaaaaaatn	acctntgggc	ctttaaaagg	240
gaaaaaagg	ggggnagggg	ggggggnggt	tgggggggga	aagggggggg	ngggtnangg	300
gggaagggaa	gggggnaaag	gggggnaggg	gggaaaaacn	gnnnnnnnng	ncgggggaaa	360
naangcnnnn	cnannnnnnn	aaannnnnnc	nnnnncccc	nnnnnnncca	nnnannnnag	420
agccncnggn	nnnnnnanaa	cacannnnag	gccgccngc	nnacgnaagg	ggccngggca	480
ngaaaaanga	aaacagcna	ncannncnt	gantgcacnc	cgcactgaaa	gganggncaa	540
acacnggang	aggnnnnnt	ccnaagannc	aagggcaaat	naaggacct	gggnncnntn	600
ggacacntaa	agnaantgna	ncggatgnet	nccanatgac	agagangact	gggnngcang	660
ggnnatgatn	aaaagtaacc	canngaagaa	acngnnnnna	nnaccngata	anncgntngc	720
aanctngana	acggcngaac	cnnnnncaen	agcannnnnc	ncnangcana	anaancnata	780
ngaaaanngg	gnnttanagg	gggggntncn	cacanaaaan	ggacntatgn	ganagcnggn	840
caccanannc	naaancnaaa	nggggggnant	gaacnatang	ggggcngggn	nnanaggggc	900
nanngngnan	canatanann	ccntngnggg	ggcnagtaan	anancngga	gcncggncan	960
ccanaaaann	ccgccanaa	ccaggcannc	aannnnccnn	gngannncca	gcnatnnca	1020
nganggantn	aaanaggnan	cgngcaaaga	gcnacgana	gcaanngnna	cnatnnantc	1080
anngaaacgg	cnnaaacnnn	agagncgaat	cancgacacg	ggcaaacant	naatagacaa	1140
ncacaannca	ngtnngngag	aagtaacncc	ggctncatnc	aaaacnnccn	cgcntaccca	1200
aanngnacnt	ccannnnnnn	aanaaanacn	gtgcncgacc			1240

<210> 4486
 <211> 1444
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1444)
 <223> n = A,T,C or G

<400> 4486

nnanaanana	ntaantnant	nanannannn	nganaannna	nnaannnnnn	annncnnnnn	60
annnnnaan	naannatnnn	anganannan	aaaananata	aanannaann	anaanaaang	120
anannnnann	nagangnnan	nnaaannatc	naannannna	nngannaagn	nannnncnna	180
tannaagagn	aagggnnatn	annaaagggg	gagcnnaaan	angnganngn	ggaanatngg	240
angnannnnn	tnaaaannnn	anananana	ggggagagtt	ctaaaggtt	gggnaaaaac	300
ncacnncnca	aaaaaagacg	agnaatgggc	antggannaa	aactatcact	aangnnacca	360
nnncacaant	nannggttn	caacactaan	nnantnnnan	tntangnga	nganattaan	420
cnntnnnnnn	nttnnaatc	tancatcn	cantanntan	cnntatnaan	ntcnancta	480
ancannnnan	nnagannncn	attgaaaaat	tanaatatnc	acnatancaa	annaacancn	540
antaatnnaa	naannaannn	naagananng	ccaancatcn	anagnenana	annacaatcg	600
naacntaanc	ancnattant	tatntnncaa	anganattaa	nnacnngctn	tatntaaaac	660
tacatatnct	naanncnaat	antatntaat	nnatntanac	acanatcana	gnagnaaaaa	720

nagntaanaa	acntctnnga	ctantaanat	atctaaactnc	acaaaagata	aatcannac	780
gtatacgant	tatnganann	actcnacaaa	ntctatnann	aaangnntca	canagtancn	840
tnaanaanan	tnnaacatna	gagcatngcc	acaangtata	nnaatataaa	ntagtancac	900
antatnnctc	annnaacata	tnnatanngn	tatnntggag	ctanannagt	ctnannnnan	960
agacacatnn	ncanaatann	tatatnnaaa	nanaacaata	ngtncttgat	nnannncnac	1020
ncacncacan	atacantnca	tnaanacatt	nacacaannt	annanaatca	canctaacat	1080
ctcatnnata	cnannntect	tcacatannn	tcnnactatn	tantcactnn	aaaaacataa	1140
nannanggac	aactnnacnc	nctaatntac	canatnnecat	anangatana	tagancnana	1200
acaaanatta	gaantanata	naaaatttaa	acgantcata	naaatattnn	aannanacac	1260
atancncanc	aatannaact	acnattanat	catnacanaa	ntantcgacc	ataaananac	1320
ataaatanta	tnannaanat	nanntaagg	ccanncanat	taaatcacat	atatntatat	1380
anatnanaat	gncagaagat	atananncna	taactaaaan	tanacatnta	atantcncta	1440
tnng						1444

<210> 4487

<211> 1390

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1390)

<223> n = A,T,C or G

<400> 4487

ggnnnnnnnn	nnnnnnngna	nggtttnnnn	nnnncccect	tttttttgcc	naaaaaaaaa	60
ttngccccct	ttttnttgcc	cctaaaaaaa	ttgggnccect	ttttgggggn	aaaanttttt	120
ttcccgnnnn	gnnnnaaann	tttttttnna	aannnnnnnn	tttttnnnnn	nnnnnnnnnn	180
agggnnnnng	ncnnnnnnnc	ttnnnnnnnn	nnnnntnnnn	nnnnnnnnnn	nnntggnnnat	240
tttttttttn	nnnnngncta	tnggnnngna	nannnnnnnn	nnnnnnnnnn	nnnnnnnnng	300
ggggganant	ntntattnta	nnnnngnann	tnnnngaggg	nnnnnnnnnta	ntnggngngc	360
ganngnnnnng	atnaannntg	gcnnntgngg	nnnnanatat	nanatnannt	nnngcannna	420
atnnngnnnn	nnnnnnannag	ggggggcgcc	annnacaanc	anntaagcta	anaaattncn	480
antnanntgc	tgaantgaan	gaacatncan	annttaacan	nnctgnangg	ctanntgaag	540
ncaanatggc	ttcaannaan	gcntnntang	gacttanggn	tacnggntat	naggnacctn	600
cttanntnnt	nctaaccnta	tctngaacgg	netncacctc	nnaaattgna	ctantatnnt	660
aaaaannatc	atnatnanat	ntnngganaa	ngctgtcaaa	aantnnnnnn	ancnnnnngg	720
anannngtat	ctannntnnac	ntggaatgnc	ntaaacctat	aaaaaannan	gnnataaaaan	780
ntcaacnnan	annnnanacnt	aaatntanac	cntntaaagc	ncntanacnn	atttcgagnn	840
cctngacaat	antttttaann	tcatacaaat	gtgnngggan	antncntata	cacnggggta	900
nantgnacnn	nnnatcttgn	ggtanaaggn	tnctanagcg	ntatntnntt	agnggnaaan	960
atantntntn	gaggtatcat	gagnntaact	ctcnnatnna	nnctgatnta	cctcacgtng	1020
tgtgnatatn	nnntncantnn	atctctanat	ncntatanat	atcgcanaan	atntacanca	1080
cnnnnngtnaa	tatantnnnt	annntntacn	ggantngagc	tctacagatg	ttntcganna	1140
anatttttang	anaaaaaatag	gtacanatan	ntgnggggnac	tnataaaaacn	nganggnnnn	1200
tnnttttnnaa	aaggnnnnnac	agnactttcn	atnaatagga	tataactcca	ngagcnactt	1260
tancccanag	atcatntcat	acgncgngna	annnnnncta	ncataagnc	nttgagccna	1320
tacnngctnt	atancnacan	gnatannnca	tnnggaaagn	actctatnan	gatnnanann	1380
cgencanacn						1390

<210> 4488

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(960)
 <223> n = A,T,C or G

<400> 4488

ttctaattngc	tngctctcgc	tctcttggag	gntccctcga	ttcgaattcg	gcacgaggct	60
cgtgggaggc	tgaggcagga	gaatctcttg	aacctaggag	gcagatnttg	cagtgaacca	120
agatttgtgc	agcctgggcg	acaggggtgag	gctcttgtct	caaaaaaaaaa	agtccacatc	180
ttcatgaacc	ctnagactct	ggagttgggg	tgteggcttt	tttagcccgag	cttttgtggg	240
aattgccttt	tgacctatta	aagaangaaa	gtggggtaat	gggagtncca	gccactcaag	300
agactnggat	atcccccccc	aaaatggggt	gggttaccna	gcttttgnnn	cccntnggaa	360
aaatgaaaat	ctnaaacctn	tntcanctgg	gnttttnncn	tttgccaaan	ttcattttng	420
ngtttttaaa	nttttttctt	aattnaccan	ttaaaactcc	cttatttttc	ccatgggtct	480
tncaaggggc	cccttggggt	ttnaacanga	acnaccagc	tttnganttt	ttanaagcc	540
angaccattn	tgggcgga	ngaaaaaacc	aatggggcaa	tttggaaatn	ggtgncnga	600
agtnccnnn	accaaaatng	tttaatttta	attattaccn	cccatccna	aaatttttna	660
aggaanaaaa	aantggna	tttccttttt	angggtttcn	aaaacccctg	ggaaattnga	720
tttttaang	ccncnaaatt	taaaaacct	ggtttgccaa	angttccaaa	naaaaatnac	780
atnttacnat	cctcttcata	cctaactnct	cnactacctc	aatncttntt	ncanactnt	840
caactnttna	nnattnccat	tctngatata	canntnanat	aacnnatnnc	ncntanaaan	900
ntnnttatct	nanataatnn	ttctgcnatt	cnntctcatc	cctctnatnc	tcnnnntnct	960

<210> 4489
 <211> 1024
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1024)
 <223> n = A,T,C or G

<400> 4489

aatncnaggc	tctcgttctt	tttgcaggat	ccctcgattc	gattcgcccg	aggattccga	60
gtgtttacta	agcctgttga	ccctgatgag	gttcctgggt	atgtcactgn	aataaaagcaa	120
ccaatggacc	tttcatctgt	aatcagtaaa	attgatctac	acaagtatct	gactgtgaaa	180
gactatttga	gagatattga	tctaactctgt	agtaatgcct	tngaattcaa	tccagataga	240
gatnctggag	atcgncttat	taggcataga	gcctgtgctt	taangagana	ctggctatnc	300
cnntaattta	aagaaaaacc	ttttngaaac	cttttncngc	tnnttngnan	gaaantttcn	360
ggaaatnttn	aaanaaaaaa	angnttgnnn	ncgttcccc	naaaaaattn	cccccccgnn	420
ttttaactna	ccnctgggtg	attgggccc	aaangcccaa	aaatttnccc	ctcctttggg	480
ttggggnggg	atttaaaaaa	gatccentga	nccccccgna	ggcccnagna	attggganaa	540
aaggctttan	aggaacaccc	ccgggggtta	ccttnccctg	gtgggggnctt	ttggccaaan	600
cnancntttc	cttnggcttt	caaaattttg	taaangaaag	ggganaaaaa	attttctnng	660
ccaaanaaaa	aggggttcaa	aaaaaccttg	gggntgacct	ttttaanggg	nccacccccn	720
ttttnttaaa	aaaaaaaagc	cnnaaanggg	ggaaaggaaa	tttttttnaa	ccaagggggg	780
cccaaaaang	ggattgggna	tttaggnccc	cccggaaaat	tggccccntt	ngggaattcc	840
ncccaaaaaa	atttggnnna	aagtggant	tccccccang	gggaaaaacct	tcanggaccc	900
caaagggtgt	tagaatccat	tnatggggga	cccggaaaac	ncnnggagaa	gtctttcggg	960
ngggaagaaa	attnanaaaa	ccgccaaant	gccnttttn	aaagcaaact	tgggaattggg	1020
aaaa						1024

<210> 4490
 <211> 834
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(834)
 <223> n = A,T,C or G

<400> 4490
 gnnnnnnntnn nnntttcaaa tgcttngcan tcgcttggnn gcaggatccc ttnggaagcc 60
 nttggacgac acgtggcgtn ccgctgaatt naagcatatt agtcagcgga ggaaaagaaa 120
 ctaaccctct agttttaatt ggacacttct ttgctgnngc aatctatgcc gngtatnnnn 180
 gctntaagtc agaaccttgg attacaaaac ctcgagcncc ccagnagtg gtgctgtatt 240
 gtcaaagcgt gntctgtaat atttccctcta atttactcag aaatgaagta tatgggtcat 300
 taagcttaaa ggggaacctat ttgtgaatga atatttgga cttaccaagt cctaagagac 360
 ttttggaaga ggatatatat agcatagtac cataccactt ataaagngga aactcttga 420
 ccaagatttg gattaanttg gttttgaagn tttttggata taaatatgta aatacatgct 480
 ttaatttgca atttaaaatg aaggggntaa ataagttaga canttaaaag aaatgattgg 540
 taccataaat tagtgctaan gctgaggaga actacaggnn ttccttttga ttaaggattt 600
 gagangagtt ggtggggcat gcaaattaaa atggaagaan ggaaaaaana aanaaaaaaa 660
 aaacctcgga gncctctnga aacccttag cgggggcngn nttaccnng aancncngna 720
 catnggtnaa ggaannccan tgganngaa nttnnngggc aaaaaccncc caacnttga 780
 aangccanng gggaaaaaaa aaaggccttn aanttnnggg gnaaannncg ggcc 834

<210> 4491
 <211> 940
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(940)
 <223> n = A,T,C or G

<400> 4491
 gtaggcccg nntaagtttt acnnttnaaa ttttcageca cngantgggt centnnncgnc 60
 cgggnttctt ggaggggttt ttntggattt tctnttttcc tnnenacat tttcattncc 120
 ttcattatnt cngngccent tacntttaaa ggttntaccg tccggtatng cntaatggaa 180
 ggggttaaat cnggnnaatt catggnttgg ccattctggc nctgngtncc centnennan 240
 aggncttnac cnaaccttga tggggncntc tacttcccc ctaagctttn ttgtgccacc 300
 tngttgnttc ttaggtacaa aactattcca aatggtagct gncctggatc cntnggccaa 360
 tggggaccnc atgggtaaga ttctgggtnt ttttaaccat naaaaaagng ccattaaana 420
 tcccggntna agattncaaa atgntatttg gggcttccat gaatgggact tngggactgg 480
 aaattctctg gggantcaat gnaataatgg tnaatgaatg tgaagacctn anaccttgca 540
 ntacttggan acttcttana cacttgtgcc aatttnggat attacctana atttatttta 600
 aaaatgggtt tttcntttcc ttttaagtaa attaaaattt aacctcttta ggcctttacc 660
 tggnnaaacc ttnttttttt ttacccttcc anttaaaacc ctttaaaaaa anttttttaa 720
 aaanttttnt ttggggaccn tntttttttg gttaaaaaan aaaattttta gccnttttn 780
 anccccccc ctntngaaa aaaannnttn ggnaaacttc ccngggggnc ctttttaaaa 840
 aaccttttag ngggggggnc cgaattttac ccgtgggaaa ccccnccncc cttttatnaa 900
 agaaancccn ttggtatgga agnttttggg nncaaaaccc 940

<210> 4492
 <211> 840
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(840)

<223> n = A,T,C or G

<400> 4492

taatanctng	gctatngttc	tctttgcagg	atccctcgat	tgcacacca	atggcgggtn	60
acgcgggtgc	anaggggggg	cccgggggcc	ctggtggccc	tgggatgggg	aaccgcngtg	120
gcttcgcggg	aggtttcggc	agtggcatcc	ggggcggggg	tgcgggccgt	ggacggggcc	180
cggggcccna	gcccngact	tnengaggca	aagccnagga	taangagtgg	atgccccctca	240
ccaanttgng	cccttggtca	aggacatgaa	gatcaagtcc	ctggaggaga	tctatctctt	300
cttcctgcct	attaggaatc	agagancatt	tgantttttc	tnngggggcct	ttttcaaaga	360
ttaagggtttt	naaaaaattt	nccaatncnn	aaacanacce	ttccggcaac	gcaccangtt	420
naaggcattt	gttgctatnc	gggactaaca	atggccacct	cnggtctggg	tgtaaagtgt	480
ccaaggaagt	ggncaccggg	catnctgtgg	ggcattatcc	tggccaaanc	tcttccattc	540
ntccccctgc	cncaaaaggc	ttacttgggg	ggaacaanat	tnngcaance	ccaaaanttg	600
tncccttgca	aaggtgaaca	aggncatttt	tccggntntt	gtggcttggg	ttacccccctt	660
aatncttng	gaaccccaan	gggcaacttg	ggcattntan	ttttcccgta	acctngtggc	720
ccttaaaaaa	aaacttnttt	cattnantgg	cttggggatt	ccaatgnant	ggcttacaaa	780
ctttaaacnc	ccgggggctt	tcaannttgn	tcaaaccctt	tnnggnaaaa	ttttgncnt	840

<210> 4493

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4493

cntttttgaa	ancccttggc	tacttgctct	ttttgcagga	tcccatcgat	tcgaattcgg	60
cacgagccaa	cgtgttaggc	ctnccnnngca	cgnnnctnaa	gctgnttctg	aatgagaccn	120
agnncntga	anttncaaa	gacatccccg	ngaagacttt	gaatatgaan	actgngtggtg	180
tcnatgngtt	acnaacaaca	ntatacttct	nnctgtntct	natcaatgnn	natngggnaa	240
cccttccta	attacacctn	tnccctacac	atacntcccc	atnnacacac	acntgaacac	300
actgangatg	tnccctttaa	gtgtgngtnn	aatntgctgc	nngnattgaa	attnaaatgg	360
gattgatnan	tcaagtgact	tgagacctga	cagcatcttt	acactnaanc	ttagacannt	420
atgcnetcat	gtgggcagca	ngttacaatg	gtacttnagc	ccacagtnta	ttgctatact	480
tgagttctta	actcanaaca	tatatnttga	tttgaatggc	atantgtata	tatnatttca	540
tgcnctttta	aaattatctn	anaccncttt	natganatgg	gcagnatgat	aantgtctaa	600
cacctgggat	ttaactggat	aattttgctn	gaatctttta	ngttttganc	tnttcaggac	660
nagttaacag	acctcanant	gttccaaagg	cttaaatgtn	naactcnaag	ccctttttna	720
aaattnatgg	agtccaannt	tacctgggan	ccaggacant			760

<210> 4494

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4494

tnanngtana	agacnncgng	naaagcccat	cagccggaan	gcaaaggncg	cgggtggccc	60
------------	------------	------------	------------	------------	------------	----

caagagnggg	aggagtgggc	tgacagaagg	ccnnntccc	anccgcgcac	nggengaccc	120
ccaggggcta	ggatacngga	gatgaggaac	ngganaaggg	gcncaaagag	cacanntgac	180
tggnagagga	cacagagctg	ncctncaagc	anangaacga	agnncncata	ccccnggaac	240
ctnccccnct	ccaggtcac	accnncagct	ccancaanga	nacctnangc	gacaacannn	300
aagnnccctn	ccccaaccta	gnccnncagc	ccnaaangaa	ngaacacaga	tgaanagccc	360
tgaagacanc	nggngnccac	aggngnggcc	cgangcnccg	ggtgaaagtn	gaaganngac	420
cagtaagagg	gaagaaagaa	tggctcctcc	ctcanttcag	agaanacatc	ctagtccaaa	480
gngccccata	ngcacncaag	gtctnngana	gtacattcc	ctcactganc	ccagnagaaa	540
nacactacca	actgangcac	cantaggat	taacaacnag	ccaagcctcc	ccttnccttt	600
cncaaggaaa	cntcncccca	caagggccnc	cccaatccag	aaaatgccta	taaanccctg	660
gccaaacttc	ggggaaaggg	gacnccnng	aagaaacaaa	ttnaaaaaana	aaaacnaccg	720
ntaataagna	accggggnga	aaaaaggncn	aaccnccaa	aggggccccg	ggcaaaaaaa	780
atccccaagg	ccg					793

<210> 4495

<211> 1487

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1487)

<223> n = A,T,C or G

<400> 4495

agggggaggg	gnntttttan	cnccccccct	ttagggngga	aaaaaaancc	ccentttttt	60
gggagaaaaa	aaggnccccc	naanntangg	gggaganatg	nnngaagagg	gnnanngggg	120
aaagcanacc	naaagngggg	anannnncng	nnaaaaaaan	gcnnggncaa	gacagnaagg	180
ggggncgaga	gagnnngcng	gggaganana	aggggaggnt	ntntgagnna	anggccgaat	240
ngacgaaggt	ncggatgggg	gncaannang	ggnganaggg	gaaaggngna	anggnntacn	300
ngngantggn	aaangnnnat	nngggggana	aaggngantg	agncgggcaa	aannantann	360
ncggatangg	gnataggtng	antgangtgg	angntancnn	agataggcgn	agannggaaa	420
ntgagnatnn	tggnacacna	tggggnataa	ggcnnnnann	gaangganca	ggangangaa	480
ngggcatant	agggcgaaang	aagaannnnn	gntaggatgg	nngnaaaaaa	aaantgntnn	540
ngaaagagaa	nntgangnaa	gtgncggaga	aggacgaaga	ataancnatg	cggaagnann	600
aaggngnang	tnnaaaaagg	cangaannca	gaacatngan	gncgaaaaag	cacaggnnnn	660
anggaagngg	gtgcnaagg	gnaanaagag	ctatnagggg	gaaaggaagn	ggntgngggg	720
annngaagan	aaggggaggn	aagcaaggaa	acgatgnnan	agaanaaggn	taaacgcaag	780
naggtatnaa	naaaganaca	ancgangtga	naggggaagg	gngggncaca	atgaangang	840
ngaattgnta	ggacgcanna	agacntagan	ganagncaaa	gacgtagngn	caaagganga	900
nannnacgcn	agngnggaga	cgtaaggggn	angngtnagn	cnaanagata	ngganngnga	960
aaanagggng	aggagangta	gaaagncgaa	cagnnnnang	ngagngtggg	ngtaganaga	1020
ntnnggaaaa	aaggggacgc	gtanganaac	gnangacgca	angaggaacg	aagcnaaana	1080
gaggnaggag	nananaagcg	aggaganaaa	gatnagggag	agntgagana	naacgaatgg	1140
ncganaagag	agagnaggtg	ngcanngagn	agaagancga	nggagganna	gantgacgng	1200
nagnngagag	aantacacnt	atnaggnnng	agaagataaa	ngcngagaag	atnganngng	1260
angaganacg	anagnnatgn	aganagnnaa	ntagnagag	agagagnngg	ngagagaaaa	1320
angtgagagg	agaggnaaga	ngaancngga	gnggacagga	ngagagnnnt	atgnnngggn	1380
anggganagt	gnntntcntg	ngcnacann	nnatnnggac	nacgagatgt	gcanaganan	1440
gnngngnaga	ngnngnntag	atagaganna	naggggnataa	gagacng		1487

<210> 4496

<211> 768

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(768)
 <223> n = A,T,C or G

<400> 4496
 tnnaggttng nnntgtnggg cctnttnnncn tngttgtaan cgctggctng ctgcgcanan 60
 nctngctgmn gcgaattcgg cacgaggtgc attgngggcca atgggtggcnt ntgtagttcc 120
 tgaacatcag ctgggaactg catatggcctt catgcagtcc attcagaatc ttgggtngggc 180
 catcattncc atcattgntg gtatgatact ggattctcng gggatattgt ttttgggaagt 240
 gtnccttaatt gcctgtgntt ctttgtcact tttatctgtg gtcttactct attnggtgaa 300
 tcgtgcccag ggtgggaacc taaattatnc tgcaagacat aggggaagaaa taaaattttc 360
 ccatactgaa tganangtnc aaatgaatgt gncatgagaa tgggcttaac acatcgttgg 420
 tttgaaaact tncatttttta aaaatttaga gtttagtcat tagaaaaaat aatggactgg 480
 aaagtnatat gtatatccaa atatacctat ttcaaagtgt atttgtgagg cctgttntag 540
 cctgtgtctt gtgtattgng tgtcgctaaa ganttnact tttacnnngc tcatcaacaa 600
 tgaaaggggt tgaaaattgc tgtggaacat ccacgtganc tttttngaaa gacagtnaaa 660
 aaatggnaaa cgtttggagc tttctnttga gataatctac atttaggnaa tataatctta 720
 agggatacag ccctttncct ttattcttat nncangaaaa aaaaanct 768

<210> 4497
 <211> 718
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(718)
 <223> n = A,T,C or G

<400> 4497
 gngnctttan atancttgct cttgttcttt ntgcaggatc cctcgattcg agcggccatg 60
 gccaaacttg aggtgaagaa agcattcatg ggaccactga agaaagaccg aattgcaaag 120
 gaagaaggag cttaatgcca ggaacagatt ttgcagttgg tggggtctca ataaaagtta 180
 ttttccactg aaaaaaaaaa aaaaaaaact cgagcctcta gaactatagt gagtctgatt 240
 acgtagatcc agacatgata agatacattg atgagtttgg acaaaccaca actagaatgc 300
 agtgaaaaaa atgctttatt tgtgaaattt gtgatgctat tgctttattt gtaaccatta 360
 taagctgcaa taaacaagtt aacaacaaca attgcattca ttttatgttt cagggttcang 420
 gggaggtgtg ggaggttttt taattcgcgg ccgcggcgcc aatgcattgg gcccggtacc 480
 cagcttttgt tccctttagt gagggttaat tgcgcgcttg gcgtaatcat ggatcatagct 540
 gtttctctgt tgaaattggt atccgctcac aattcccaca acatacgagc cgggagcata 600
 aagtgtaaag cctgggggtgc ctaatgagtg agctaactca cattaattgc gttgcgctca 660
 ctgcccgcct tccantcggg aaacctgtcg tgccactgca ttaatgaate ggccaacn 718

<210> 4498
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4498
 gnagnccggt tcnnangcnt nggctnnatc caatgctggc taaagttcna ananctggca 60

```

acnccaggan ncangcggtg cgaattcggc acgaggagga attacaggta gcaaattatg      120
gagttggagg acagtatgaa ccccatTTTT actttgcacg gaaagatgag ccagatgctt      180
tcaaagagct ggggacagga aatagaattg ctacatggct gtttnatatg agtgatgtgt      240
ctgcaggagg agccactgtt tttcctgaag ttggagctag tgtttggccc aaaaaaggaa      300
ctgctgtttt ctggtataat ctgttgccag tgggagaagg agattatagt acacggcatg      360
cagcctgtcc agtgctagtt gcaacaaatg ggtatccaat aaatggctcc atgaacgtgg      420
acaagaattc gaagaccttg tacgttgtca gaattggaat gacaaacagg cttccctttt      480
tctcctatng gtgnactcct atgtgctgat atnccatttc ctagtcttaa ctttcaggag      540
tttacaatng ctaacactnc atgatngatt cantcatgaa cctcatccat gttcatctgn      600
ggcaattgct taccttgggg gntcttttaa aaagtaccac gaaatcatca tattgcatta      660
aaacccttaa aagttctggg gggnatcaca gaagacaagg ccnaanttna aagnggagga      720
attttattat ttaaaagaac cttttgggtn ggatnaaaan                                760

```

<210> 4499

<211> 799

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(799)

<223> n = A,T,C or G

<400> 4499

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ttaagntttt tttggttggg nttttnaatn ttgccanaaa gctgnetact ngtncttttc      60
gcannatncn ntcgattcga attnecacg agctgatagg tgcncncntt aagacttttc      120
atagancnta ngncggancc nncaccttct cnnntgaang atactnaccg agggnaatgg      180
tgnatgctgt gaacanantg gngaaccnct cantntgnta anattactna ctaanctcaa      240
aagttaagct nnancncaca cnnntatcct acctcntncn ctgagnntca ngttncacac      300
aaaaggncn aangcctng atcnacctna ttatggacnt gntcatcna anccataat      360
nctnctcngt acngtnnata tttncnacnn agcattcncct atcttncatc cnnntnccaa      420
nctggncnct ancttactac ttgcaccten ctgtacccaa cntttccatc cattgnntnn      480
cctatcaaac tctttcantt atgnccttna nctcncgtaa anacnnatgc nnatcttgag      540
tncanaattct tnttgccgg cngtngeten ntttctttta cctttggaac ccgnataanc      600
atgnntttta gaanaatnan caccnggnac cttntnancn ctanatatgc nctnnntant      660
gctntgactn ntaaaactann ctcnanngn ncttananc cttatnaantn nnccttntat      720
natagtntca ttaanggtan tccntttncg gatccattta nccctttnc ctttttgnnc      780
ctacntcatt taacnttnn                                799

```

<210> 4500

<211> 794

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(794)

<223> n = A,T,C or G

<400> 4500

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ggtgnnttcc ccttttgaaa ccttttanac aagctacttg ttcttttttgc aggatcccat      60
cgattcgaat tcggcacgag ctntntcccc cctatnaaat ttgcaacaat anaggggtgga      120
gggtaatctn tncntccta tactgccaaa gaatgtgagg aagaaatggg actctttggt      180
tatttattga tgcgactgta aattggnnca ntatttctgg agggcaattc ggtaaaatgc      240
atcaaaaagac ttaaaaatac ggacgnactt tgtgctgnga actntacatc tagcanattt      300
ctcttttaaaa ccatatcaga gatgcataca aagaattata tatnaagaan ggtgtntaat      360

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```

aatgatagct atantaatna ataattgana caatctgaat cccttgcaat nggagggnnaa 420
ttatgtctta gntataatna ganngtgaat canccaactg aaaatnctnt ttgcataatnt 480
caatgtincta aaaagacacn gttgctctat atatgaagtg aanaaangat atgggnagcat 540
tntatagtac tagntntgct ntaaaantgct nngtaaatac acaaaaannnc tagaaagaaa 600
tatatatanc ctngtnattg tattttgggg gagggatcct gggataantn nntatgntcn 660
tngaactnct tctggngtct tcacattttt ctaccannga atttaatcna atagtaaagt 720
tgttggnaaa aantcaaagn tnggatttag aaagatncnn ttcttgaaaa nacctgcttt 780
tggtaaatga aanc 794

```

<210> 4501

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4501

```

tggtttttta ggtttggntt tchnaatnngn ctaangctgg gctcttggtc ttttngcagg 60
anccctcgat tcgaattcgg cacgagatga gaaccagaac aagtctggca gcgaggccgg 120
cagtcctcgg aggccacnaa gacagcggtc agatcaggac tcagacagtg accagccatc 180
cagaaagaga aggccctncc gttctgagca gtctgacaat gaatctgtgc agtcagggag 240
aagccactca ggagtttctg agaacgactc tcgcccantc tctccaagtg ccgaatcaga 300
tcacgaatcg gagagaggat ctgataatga ggggttctggc caaggctctg gaaatgaatn 360
ggaaccagag ggatccaaca atgaggcctc anatagaggc tcanaacatg ggtcagatga 420
tagtgactag gttttatttc atcaataagc ttcattctctg gaggaaaactt ttttaatatata 480
tgaaaagctgt gatcaaaaatg tttcacatgt ttagtcaatt gtgaaaatttt tcttaangca 540
attntctttt ctatcanttt gtatattact aanncccaag agacattttc tgtgctagna 600
gtccaatatt ttgagtctct cntgcanatg agacttattc ttttgnggta caatttcccc 660
tatcatatgt gaaaaactgc tntntcaaat ttanccctta tgctanantn attcctacna 720
nannttctnc ctgntanctg tngctacaan nttntattnt ntttttnt 769

```

<210> 4502

<211> 1338

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1338)

<223> n = A,T,C or G

<400> 4502

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agggnngntc tttccacccc ctttggttgg aaaacccccc ttttgaanta ccaagcctna 60
ctttggtgtn ctttttttgg ncanggnaat cncccaatc cgncatctnc ggnaganagn 120
tcccnacaca ctagccagna cacanatctc atcaccaata acnngttttt tatcantatc 180
nnncnanncn ntncnncnca ntntnccngg tangntgtcg acaantntn tnncntnta 240
aannnnncnn tntactatna tcnatngtca tcntcancna ntnttctntn ctancgnann 300
nnntnctctt nntantctn actnngnnnc anntnnnnan atnnnnnctn ctannaacan 360
cacnnngnta tntnacnnt ntnacnntg ncnctnannt nnnantncta tncantnctn 420
ncattaacat nnncccnata ncaannntna ccnatcanat acnttttntn ganacnnann 480
nancnntctn cttncnntnt nccctaacnt amnnantctn cngnnntttt aanncttntn 540
tnactnncac tactnatata ttnntntann ggntccanna aactnnagtn nnnccntana 600
ctgatnnnna tnnntnctt cncctattnc nnnngtantt nanacnnacn atcatnctt 660

```

ttcatnnenc	nanttnecgnn	aatcatntgt	antntaan	naanteetan	nntegnenct	720
cttcncttnc	tegnnnntnt	atncactnnn	atnanntnac	taccactnct	ntatntcata	780
ccagantata	natnttnaaa	tcnnntnttc	ncnnancnnt	ctctcnncan	gcnnacgac	840
nnnnantcan	tttngtncan	tgaactaant	aaaantgtct	nttctatatc	nncagnnat	900
nnntnataa	atactctctc	atnnatnntn	atnacacata	tntntncnca	ttctctcatn	960
atctgnatat	nntcgtnen	ntctengana	cnrncactct	atgatatnnt	ntacnacta	1020
tatntacnan	ngtatgntan	gnnacatana	angcttaa	tnnanangna	tacgacttca	1080
ntatencata	taacnctctg	ntatgcanan	aatcgnaactg	ttaatgactn	gtatntcgat	1140
acnctcttan	angctnnngt	atacntntng	gtcnncanan	cttcatntac	nctngtantt	1200
atgntatata	tangcacnga	nnncnngnag	anactnanta	cacccttata	nnntacnana	1260
nnatatntc	taatnngncc	tctntnactc	tcnacgntan	gnnnnactgn	tatnttcaca	1320
cntaantatt	ataatnccg					1338

<210> 4503

<211> 884

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(884)

<223> n = A,T,C or G

<400> 4503

cncnntctna	tnggggnang	tnggtctntc	ctacctcttt	nagganacce	tctcgccctaa	60
nancnngget	ggggcgatt	cggcacnagg	gaatggatat	tnggggngga	gantannnt	120
nnattncctt	taggatcngg	cactgtggag	gaacttttga	aattgtnacn	tgctcacatg	180
ttgnacatgt	gtntcggnan	gcnnacactt	ncacctatcc	aggangcnca	nggcngatta	240
tcaataacaa	taacagacga	cttgcccaag	tctggatgga	tgaattcang	aatnatcntc	300
tatatnattg	ctccatgngn	tacaaaggtc	ncattatnna	tatatatcnn	cnnnanattg	360
acttanacac	naacntcaat	gcnaaccttt	tanntgcanc	ctncanactn	tanntnctga	420
nentntantn	ccacnncnnt	ntanctcana	gggaganana	caaantnttn	tagcnnttcn	480
aannctacat	atcccagnnt	cnaaaagagn	ntgnctannc	tggaattntt	taatggccan	540
nggtctgggg	ngtaaatan	ngatcantcn	ttataactgc	ctacnctnna	cnttcncaac	600
attatgaacc	ntttgctnnn	cgaantgnnt	tcccaanncn	ttaaatecng	nccctntcac	660
cnaatggcct	caaanatgcc	caancnancn	cttnaaaaac	gnnctncccc	anactttttg	720
gngcantntt	tgacccccca	ctnggaantn	atttancatc	ccccnagtct	acccentttt	780
ttggaaaccc	nngcnaaatn	caatntggnc	cccttnnnna	acttnnacac	ccccccnncn	840
aaancaantg	natttnnncc	ccnngctct	tnccnccnac	nnnt		884

<210> 4504

<211> 1050

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1050)

<223> n = A,T,C or G

<400> 4504

tggttggtctn	gggggnnnnn	nnggnngttt	ttcttnnnnt	ngnttgggng	gncctttttac	60
tcgcccctaa	natcaganat	tggtgtnggg	gggggnnttg	gctcgntacc	tntgnnttct	120
ctnagaatna	gtgtntttgc	tnntntgtct	ggggnatttc	nccnnttttt	ttctnggggg	180
gntntnnnnc	ntnggggggg	ntntcntgng	ggcncnntgn	ttgctancct	nnntntgtnt	240
cnatgntntn	cnttgntntc	nnactttntn	ttgtnattnc	ttatncactc	tctnctntnc	300

nataatctcat	gttggtgnet	ttcattttnc	nenaagttcc	cnntgntcna	tntttnttat	360
nenceennntt	tntgetntcc	ttttntntta	nagtgncaact	ntctngttnt	tnncntnttt	420
tacnnanntt	netntntant	tttneenttt	tntttccnnn	ngetgtntnn	tnnggtntnt	480
cngctttctt	ctcccgntct	ttctcaatcg	ttccntnctt	nttctntctt	gnngccctgt	540
tnnatTTTT	tnntntnccg	ancntnttac	ntccntccn	gtaattntcc	ctnctaactg	600
tntgecgnnt	ntcccttnat	tnntctttng	ngatnctntg	gnatctcnnt	tccttangtc	660
tatntgctnt	ttgttccnta	nangenenta	ttntgtgncc	tctcncgntt	gnnggtctct	720
gtttgtnnng	cnccctgtcc	tcttaaant	tgctctntgn	ttncannngn	cntttntang	780
gtctntngnc	cctntntnac	cnactttgtt	atntatccgt	cnntcggtna	gttcnncnna	840
tgctgttttt	ntngcnctan	tgtnectget	tctctntntg	nnnctcnntt	cntcggtntc	900
netatgnngc	tatgttntnt	tnccntntc	tttccattnc	ngcgnaaccc	cctttntctt	960
actnttnatc	ttctnatnac	ctntntntnn	ttctntttag	nnntntnnnn	atctctntgn	1020
tgttttntct	tcnnccctt	ctnttgngnc				1050

<210> 4505

<211> 1421

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1421)

<223> n = A,T,C or G

<400> 4505

nttgntattgg	gcggtngagg	gntgaagggc	ccctttttct	tttttcccta	aaatggcttn	60
gtggagcanc	tctnnntntn	cctctganac	atcagaanat	atgggggncn	cgngcnnnn	120
nnntaccacc	ncantnctat	gctagctncc	nnngcncna	antctcnng	accnncggn	180
cgctcttttt	gtntctngan	tnnaaacctg	tnnancnca	ntnactctan	nnntntnnng	240
ctntgngcag	ctggannnnn	ncnacnnnna	ancnngcact	agnactncca	ntnantgnat	300
ntctnagacn	cnncnctna	ttcnnntgnt	ctcaagtca	tnctntcnnc	cccnncncca	360
accaccnncn	ancactggn	gccccacnn	catnccnca	ncactancan	ntcctaaccc	420
tcantntnnc	ncacnagacn	nnctnccat	ncntntcngc	ctcctnccnc	acatnttct	480
acntttncat	ncntcccaa	naactntntc	tnntccnnc	aaacacngcn	nnnnnnccgt	540
ctcnntacnc	acnnccntnn	cnntantcnn	tcganttccc	cataatnctn	tnnancnngn	600
ttcncnctn	nattccctct	ccctagnact	ntctctctcc	ntctttatca	atcnncncca	660
ncctcatcat	ccctcnnnn	ccctcactt	ccttctctac	tcngacactc	tctntntatc	720
nnacnacnt	anagctcata	tnnccactcn	cantatnnat	cccttccctn	ctactcnnta	780
tatctcnaca	ctctntctc	ncactacct	nnngcgtcnc	ttctctncac	nanntntcat	840
ttctncaactn	cantntccta	ttctctttn	nnncnanatc	tcacnnnctc	ttctcgcnc	900
tgtnacann	ttcnctntcn	cactnccctg	nnnatnnnnc	tnctntntct	cnntntnaet	960
catntntcat	atacctatc	tantatctnt	ncnnctcnnt	ntntctttcc	ncactccttg	1020
cnacccctca	tcnactcnnc	cntanctcac	anntcnctca	cnctcanenn	ccncccttat	1080
atcactncca	tnctctnct	cacgtttaca	ctactcacac	tcnactnnnc	atcactctnt	1140
ntcnncnnc	tangtncnnc	ntactntatc	cactctntct	cacatctcnn	ctacncanac	1200
ntccncaena	tcactctct	acnctntnta	ncntnattacc	nnctactctc	ccctcannac	1260
cctctccgc	tctnctcata	tctcnnngn	ctcatnttct	acatntttca	ctntatange	1320
tcctctcact	nnnnncnca	ctatacgtat	atcganaca	acgtatntna	aaccnactn	1380
ntatctanac	tctctcncn	tnccccacat	tnaccttcc	t		1421

<210> 4506

<211> 952

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(952)
 <223> n = A,T,C or G

<400> 4506

ncttttttct	atagngcnnt	tnttgggggc	tttctttcca	nananegtgt	nnetcctcct	60
cnctaaana	gnnaggctgt	ggagnncaga	cncccnatat	gacacnntan	atncttaata	120
annnttgatt	ntntgccaga	ngcncctetgc	antgnaacng	tnnggggngg	gtgaacacac	180
nctcntgcac	ggntatcnag	ancagncttn	actnatnctg	gactacaatn	atgtgagata	240
acacanacat	tanntnnaan	nnananactn	tattcnttnt	tnactaganc	gntcctncga	300
tnggaatncc	ctcctcctna	ngaaactage	atggatgttc	acattcaagt	gtgggggatnn	360
ttatcaattt	gctatttnat	aaaanatacc	aanntntncc	ctntncaana	taattnnct	420
cngatatatg	gtccatccat	ttantgaaan	gctnttcncc	ctttcaaaan	gatacnnatn	480
angncanncc	cngtngcett	acttggctna	ttaaacnna	natcantctt	gnncagatng	540
gngtnttcca	ccannntttt	ncccnagcc	ttannntacc	taacctcnet	gntcctccaa	600
gctnctaccc	tttccaaccc	tacgcncctn	tcncaaaacg	tccctttnc	tactctcnnt	660
ntttcgaann	tccnaattn	taccccattn	cccnttcccc	nctagcccnt	naattntanc	720
cntttncett	tatctcnnc	tnacttttc	gtntcctcct	nccctcatac	cactttttct	780
nnatcncca	ccccgncnnt	cactactcat	cagccccctc	aactnctnnc	ncatnanatt	840
ttnacchnt	cantcccttt	ctntnnccnc	tctntntttt	ctcgnacanc	ctccactcnc	900
ntctatcngn	cnttttcenn	nnctntcttc	cganncnntt	nctcctccca	ct	952

<210> 4507
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4507

nagttttttt	tgggtgggntt	ttncaatcc	ctccttccag	ccaggatctc	ntnctntcct	60
naanaaaagg	ntgtggcgaa	ttcggcacga	ggtgagcccc	acaggaataa	aaaacactgg	120
gaaggggtaa	ccccctcacc	cccgggagtg	gcccaggggg	agagaggcta	cctganggga	180
angaagcaca	aaanggaccc	gctgcagact	cagggcaaan	ggaatgccat	cngngctggg	240
acctgtgagc	actacangag	gaaacgcaag	cntggtggna	ctggttccag	ncacacaggc	300
aaagggcaaa	aggggtggac	actaancnc	aaagntactt	gggttccctc	ttcttctnnt	360
ttgccttttn	ctgctnctnn	tncatganct	ccaagtcctt	ntgnttgagg	gcggcagcan	420
aaagcccgtc	atttcggcgc	tttcccttaa	ccnancgnt	ctgctttttc	atattcttnt	480
ggcggtcaan	ctcacgctgg	ttaccgcggt	tnatggctac	ngcagcggnt	ccaacctget	540
cogttacgtn	ccctttgttc	tgtcnnaent	tnangtccc	ncccttntn	ncaacgtacc	600
cacagtccct	ctttttctcc	ccgccccttc	gcgcccgnn	agcccngntc	cccatttgna	660
caataaaaaa	gcacctntga	ttccacgnet	tcnngccttg	aatcccctng	tctnttaaan	720
ngncnnnaag	ntcccncaat	cctnnaaccn	ccnncatctg	ntgaancccn	ngncctttcc	780
cntnngnnt						789

<210> 4508
 <211> 1454
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1454)

<223> n = A,T,C or G

<400> 4508

```

aggggggngg ggggnnttt ttnggggncc nccccccett ttgtnttggg gnaaaaaaaaa 60
cccccccttt ttnggggggg ggaaaaaaaaa ngggggccnnc cgggttngng gggaaagggg 120
gntggcngnn ggngggggnt cgnggggngg ngngnngngg tgttngngng gggggggggn 180
gtgtngnggt nggtggnnna ggnnngggag gtgnnggggn ngggaccncg gngggnggng 240
agngggnggn nntgtngngt ggtttttttt tncgngngnn gggggnnnna ggggaggggg 300
acggggggng tnggtnggc gngntnngtg gngggggggg gnngtntggg tggggcntgg 360
gtcgtnggg ngcngtggt ngncggcggn gantggngtt ggcngtngng ggggtgcncg 420
ncgcnngngg nagngggcg tgggcnnngg cngncngca cngggggggc gtggggcngg 480
ggngcggngg tggtnnggg ggcgagnggg tggggggggg gngnagnggg agnagnggg 540
ggngggttga gggagagggg tggggnggng gnnnttntgn gggggatgtt ngggggcgca 600
nngcngnggg ngggggtggg tgtgggnnnn gggagngnga gtggnggntg gngggtngng 660
gtgngngggg ggggtggtgt gtgagcnggc gagnggtng tgtngngggg gnggnggggg 720
gtgngggctg cgtgacgntn ngngagaggg tggngagngg gngngagtg gtngngtgtg 780
gngacgtggt gtgtgggtgt nngntngnt tncgagngg ngggnngtga gncngcntg 840
gngnntgtgt ngtggagcgt cngngcgtg ngngngnggg cngncggngg tgggannatg 900
ggngacngng tggtnngng gtgtngcgc gnnngtgncg gggacgtggg nganggggtga 960
gcngcggggg gaaggggtgt gagggtgtgan ngngnggana tngannngg tgtggtgtng 1020
tngngaattg gcgancgnat gngtgcggc cngtgnggg gcgtgtngg nnnntagggt 1080
gnccgaggat ggggnngngn nggtgcggg gtgtgggtgt ggtggngng cngacngcg 1140
gtgnttngng ngngngggct ggtcncgtgt ggggggacgc ggaggtngng atgcnntgt 1200
tgcgtggcgg ggnnngngcg gngcgagng gcgnanagt ggggggtgnt ggttgtngg 1260
gnggtngggg ggggnggngg gnntgtgcgg gggngcgggg ngcggcgtng gtggtcgggg 1320
gggggggatg gggncngtg gcggggngnn nnggagtgnc gacgngggg gcggnggan 1380
gggggtnggg gtgtngtggt gtgtgggcgc gngcngnggg ngnggagcgn nggngtcng 1440
ggngganggg tccg 1454

```

<210> 4509

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4509

```

tttctaatta tcangngnt cgnaactnnc nctananana taggccttgg ngaatteggc 60
acgagaactt cntnaantgg tgtntnncac cnttngcaaa caggntntna agatgtgcnc 120
tttgggnntg ctntttggnn acatacatgn ncnttacngn tatctntang nnaactcnan 180
aactntctng aatttgnena cnntgcnatn tattgtgtga agcgtgcac tanctcacgt 240
ttaccantaa nggtncatt nccccattc attatntcc acttataagg ctcaaaagaa 300
nttgtcccca ttccggccca anacacnctn tttagnttga atggntgaat tggcaaanca 360
tgaanntcaa accnattanc cgnaactggg cancnatcen caanggcctt cntacctgga 420
ncttgttnaa ggtgggaanc cnttccctag gtcccaaan ttgtancatt ttaccttgg 480
cnnggtcatt aatttnattc ataacnaagn ggtcnatntt ntncttnat gaccccatcn 540
gtgaaaaaat tncctaatec antaaccceca anccntgtc nttaattcca agtcctcng 600
ccntnanang aattncctt nncnanaann ctngatctn nttnnttnca agcangnanc 660
nnggccnngc ntngggnga anaaatnccc ttgnttnaan cacanttna ncccaaggt 720
tncaaaaann ntccgnaaaa tcttnttgg cnnnanggt cttttaccen tanccnttc 780
ccaattggga atcacttgca antnganccn ngtgccntta gantttggnn nnaaatnggn 840
ctaaaccten ttggnntnt tctctntec gcnnggaca atccttnnc anacc 895

```

<210> 4510
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 4510
 tggtnnnnnn naggttgggn ttttcaattt tntctanaen ccngnetetc gttcttttcg 60
 caacaancnn gcggntcgaa ttcggcacga ggnnnccccg nngatcagnt nttctnnnac 120
 tcantaanna cttctgggtn acnggatcaa attgaatctg cntaggctgc tgtatntgga 180
 gganncnngt tgcgngnant aaaanctggn catnnngang netgancnnt tncnnaaag 240
 gntangtcca ntgnnnctga tcancnncaa ntacncagnc aganatccaa anaccagtna 300
 tatatgtnc nttgtctcagg ggtgtggnc ccaatttcna tngagntcna cngcnnnnct 360
 cnngaactnc ntencnaactt cttncanntn gtcnngnaan nenttnntnc atctnagctg 420
 gcacatgaga gtaccntct gctatgccag aagtatgaca ccaccaggtn atagtctcta 480
 cgaccnttac cactgtgact gattgagtgg tgtgagaatg agngactncc atnngattnc 540
 ncatttncca tccatctagg ngccactctn tnnecatnga ttctctcctg genaccnaac 600
 tctnngantn ggtgacttn tcntnagant ngattcttaa natchnngaan ttgatgatnc 660
 tacttatacn gnnattttgn cctncngna aangcattga agtngggtan ntaaaatagn 720
 naacnacccc anttgccaat ttncaaaaac cnccaaagcc tnaccccgng angggnnnn 779

<210> 4511
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (10)
 <223> n = A,T,C or G

<400> 4511
 nnnnnnnnnn 10

<210> 4512
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

<400> 4512
 ngtnatatgc ttntaatgc ttctancga attcggancg agagaagccn tgagcagcaa 60
 agtctntcgc gacaccctgt acgaggcggg gcgggaagtc ctgcacggga nccagcgcaa 120
 gcgccgcaag ttcttgaaa cggtggagtt gcagatcagc ttgaagaact ntgatcccca 180
 naaggacaag cgcttttcgg gcaccgtcag gcttaagtcc actccccgcc ctaagttctc 240
 tgtgtgtgtc ctgggggacc agcagcactg tgacgaggct aaggccgtgg atatcccca 300
 catggacatc gaggcgctga aaaaactcaa caggaataaa aactggtcaa gaagcttggc 360
 caagaagtat gatgcgtttt tggcctcaga gtcttttgat caagcagatt ccacgaatcc 420

tgggcccagg	tttaaataag	gcaggaaagt	tccctttcct	gtnacacaca	acgaaacatg	480
gtggccaaag	tggatgangt	gaagtnacac	atcaagttnc	aatgaagaa	ggtgttatgt	540
ctggctgtan	cttgttggtc	acgttgaaga	tgacnngacg	atgaancttg	gggtataaca	600
ttcacctggc	tgtcaacttc	ttggnggtca	attgcntcaa	agaaaaaact	tgggcagaaa	660
tgttccnggc	cttatntnt	caagaaccnc	catggggcna	agccccaacg	cccttntttt	720
aaaggcncat	ttggaattaa	attcntnttt	ncccg			755

<210> 4513

<211> 1166

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1166)

<223> n = A,T,C or G

<400> 4513

ggagnttacc	ccttnnngaa	acccctttat	acangctact	tgttcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggctacttg	ggaggcnaga	gttttngaga	atggccngaa	120
cccangaggc	cgtcggatnc	gggngaaggg	ctgttgngga	tantntanga	tcttgntgaa	180
tcccactcca	ngananctan	nttnatnnga	ccttntenta	nnnttantgn	ttncatatnt	240
nactcaanat	ngcaattgga	tntattnatg	cnncnanmtc	acttatcacc	tngatcatnt	300
ggaaaacnaat	aannatctcn	annangatcn	gtcanttnta	atantgngga	tcaacnntnc	360
ctctcntnnn	gggaatntna	ncntgggtact	nacccnnttt	nntaanacca	tcttnnccat	420
tnacnnncna	nnngcnannan	annanatnta	attnaattnn	ntntanccaa	gatccatcna	480
cgttangaat	tnttccccat	ngnggaattn	gcaanaacaa	tntcnnganc	taanaacaat	540
tengccnntn	nacaaatcnn	ntnnannncan	nanncgccan	tntaatgntc	aantncaaan	600
cngcccnnga	cgnanagatn	natnannnct	ctnantctct	ntnanccanc	ccatacnnat	660
tcgatanana	tnannacttg	gacntnctct	nnatcgtnnn	nacgtcatcn	ctaatanccct	720
ctcgtcatac	gcnntatgac	nngncctcta	acgcacnaat	angngcgata	tgatcnanat	780
attaagtctn	tantagtgcg	ancnctanan	nacnatggcg	nnatcnantt	naatgtatgc	840
gnccangtaa	nctnccgctn	cncatagntn	nanncnctnc	tcnnannnat	gancnngtaa	900
natgtntacn	gnactntctc	acgnnatntn	cntatanagc	cgcgcanaatn	cnancaantn	960
nantanntcn	tatnangatn	attacntcgc	ttntnchnacc	ncnaatacnc	ngnatnnana	1020
acatcngcnt	ntgngtctg	ngntgannaa	ctcncannna	catntcnatn	acacnncgta	1080
nnnnanctac	cagctnntac	nntaatgatc	tcannnnncn	cacatnanat	ntatcatntg	1140
acntnctacc	attnacnnag	ngaccg				1166

<210> 4514

<211> 1185

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1185)

<223> n = A,T,C or G

<400> 4514

ggnnnnnggg	gggnnnnnnn	nnngnggggn	gnngngngng	nnnnggtttt	nggggggggg	60
gctnttggtt	gggaaaaaaa	cccccnnttt	tnggggggaaa	aaaanntggg	cccnnnnnnn	120
nnnnnggggg	gnnnnnnnnn	nnngggggng	ggggnnnnnn	nnnnngnnnn	nnccnnttg	180
gggggggggn	nnnanngggg	gggnnnnnnn	ccccnnnnnn	nggggggggg	gnccnnnnnn	240
naannngggg	gnccnnnnn	nttttttttt	ttgggggggn	ccnanngggg	ggggntnnnn	300
ncccnngggg	gganancntt	tnnnnnnnng	gggggggggn	nnnnnggggn	nnnnnnnnnn	360

```

nnnggggggg gnnnnngnnn nngntnnnnn nnnnggggn nnnnnnnggg ngnnnnccnn 420
nttntgnnaa nncccnnnn nnnnnnnnnn gnntgrntng nnaaannnnn ntggggggnn 480
ngggnaacnt tnggggggnn gggngnnnaa nnnnnnnnt tnnntnnaaa aagggggggn 540
taggctnggg gggggnttaa aannngggng gngggggggg ggnnnnnttg ggcggggnna 600
annnnccnn tttngggggg nngggnggag ggggnngggg gggnnntnan gggggggggn 660
ngnnnnngn nggggggnng ggggggggnn gnggnngnn gggggnaaac gggggggggg 720
ggggggncgg gnnnnnggn nngggggggg ggggnggggn annggttggg accggngggg 780
gggggngng nggggccggg nngggacnnn ggntnnaggg gggggcnggg nngggggncn 840
gtttgnana aaaaaannna aangtggggg cntntgggac nntggggggg ggggggnttn 900
cggggggggn cccggggcnn ggggggnngg gggnnccnnt ggggnggggg ggntnggggg 960
gnnanancgn nngntnggg naaggggnng ggggggnaa aaaaaanggg gggnnngnnn 1020
nngggggggg gggaanaann ngggggggga ngggggnnnn nggggggggn nnannnnngg 1080
ggggnnnnnc cnnnnnnnn nngggngggg ggggnnggn nnnnnccng ggggnnnnnn 1140
nnnngnnnnn gnnnnnnng gggggggggn nnnnnnttt tngnn 1185

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```

<210> 4515
<211> 1142
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(1142)
<223> n = A,T,C or G

```

```

<400> 4515
ccncangggg ccnaacaan agggncncc ncttctntgg gncaggggga aanncccttt 60
ttggccnaaa aaacngccct ttgggggggg aaaggngggg cggggnccn nggggcccnn 120
gggggggnccc canaaaaaaa acnnnncccc cccntntncc cccctnnnn cccnccnnnn 180
aaannaaaaa agggggaacc cancnaagg gggggccaan anggggggga aaantntaaa 240
agggggggcn ccccaaaac cngggggaaa aaanncccc caagggggga ccaaaaaaaa 300
nnnnnccnaa accccentgg ggaacccaat anccccgggg naaaaccccg gggaaaanng 360
nnnnaaaaan ccngggcccn aaaaaggggg ccccccnnaa annntncccc acaaaaatna 420
aaaagggggc acccnttnc cgggaggnaa nntccaagg gggggacaag ggnnantttt 480
gccgggggga aaaagggant ccaccccccc cnagggaaat caaggggnng cggggaaana 540
gganggcntn acccaaaacc cccgggggna cggngccng ccaangaaaa agagaangna 600
ntntnnaaac cgggggana aagngnaanc ncgncgnnan nggaagnggg gnggcccccc 660
ccaaancaaa angnccccn agggggcccn naacnggnaa cncnnggggn nnaaaggggg 720
gccnaaaagg ccccggggc ccaaananc anaccnng nngnnnaaac aaannnccaa 780
acccctgggc ntntgggggg nggcaaaacn aaccccccg angggggaaa aaaaaatang 840
ggggnaaaaa ggaaaccaa anctggggcc ngggcnggna aangngcgta accccccggg 900
aaaaccccaa ncangncng gggaaanaac aaggcnatgn ngcccaccgg cggccccang 960
ccccaaacac cennntagn tntcccccn ngaanaaann acncgcatcc cgggaaccca 1020
aaanngggaa nagccnngg gggccaagg gnnancngn nangcncncc cncccccggg 1080
gncannnccn anacntnccg ggcnnnaacc ccccaanga anccggggga aaanaagggc 1140
cg 1142

```

```

<210> 4516
<211> 741
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(741)
<223> n = A,T,C or G

```

<400> 4516

cacaccncaa	angcacnnna	aacnancacn	angnccgaaa	cgacccnnaa	cgcgcgcgcc	60
acnnccannnn	gacgcggnng	aannnnccgc	gnaaaagacg	nagcganaan	caanacanag	120
cnnncacaaa	ncaccncnca	ccccccnccg	agtntggaaa	ccccnangca	aanaccacc	180
ccacgnacgg	cgagggaac	ccaaccggg	ccgcaatntc	gncnacncng	ggnagatanc	240
acnaaagnnn	nnccaccact	tnaattaaac	ccagcaaaaa	caccacacan	ggacacaggg	300
gggggcnacg	gganggcnac	ccgcannnna	cccacanaca	aaccgggagnc	gcgncgccac	360
annacacggn	gcacnaanca	acaccccaag	anacnaaagc	ccncnanggn	aanagccna	420
naacganncc	ancnccanac	aaccgaacac	acnaacgcna	cngaacaaaa	accangcnac	480
agagccanc	gcannngaag	naaagcccac	acaaanagca	cgccngnaac	nagaaagccc	540
aacagacnna	caacagaacn	nanaagacaa	acccacggc	ncnncaanag	cccacganac	600
cacgnaancg	nnacccccaa	gcanaaagcg	agagggaaccn	nnncanaaag	ncgcgaccgc	660
ngcggngnga	nacaaggaaa	ncaannaaaa	aaangaganc	nccncacnag	cccaaanaan	720
cccgnnanaa	ccgccnnccc	g				741

<210> 4517

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4517

ggcanttgnt	cttttgcnga	tcnctcggtc	gaggacnctc	gagagtnttc	atgtactagn	60
atggtactgg	ctgncnngcg	aatatctnng	accaattatn	aaanaaatat	gtgtagagta	120
ganataaant	ggtaactagt	nnnttatnag	aggggaagtn	ggntggnttt	ataaattaaa	180
tgaacattta	tgcggtcggt	tatttnnacg	taaaaatagn	tggttatattc	taggnaacag	240
aaatttagaa	acctattttt	ctgtagaaga	aagggtgcgc	tatctgctnt	tgatntctca	300
gatatttgct	tctccttaga	atgctatgan	cagatntnta	ttagaatgaa	gttntctaaa	360
ggctttgatt	ggcatgagct	nnattactta	ttngcttang	ttaangatta	gcccaataga	420
catattatct	ttatggacca	ttgcaaattt	ntctaatntc	taaccattnt	taacctttta	480
tatatgaatn	acnnaggaaa	ccatnnnatt	attataaagt	ntattcctgg	cncnntggaa	540
ngncactcaa	tnangtattt	gttaattgna	gntaaatgat	ccccagtnng	agtagnnacc	600
tnncangttt	ccnnggggaa	tnctttntct	accnaccgtg	gggggnttac	ctctnnaaag	660
attgtttttt	nggttcccaa	cttnaccgng	gaaaantacc	ttgggaaacc	tggnccccct	720
nnagnanaat	cntcgntttg	ggcnccactg	atc			753

<210> 4518

<211> 972

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(972)

<223> n = A,T,C or G

<400> 4518

nnnnactana	nacatncaan	tnnntcannn	acnctcanan	nnaacannna	tacnncnnc	60
ananatnana	natnncnttt	caccacanan	ctcactnecn	tacacannct	cnacnactnn	120
cnaagnggag	ggaanntagn	gantannaga	gganatngaa	angcggcgca	cantaatttn	180
taaaggnngg	ntctntaant	ncttggntat	cgncctcat	gnaggnaacc	atcgcannc	240
ctnngatcnc	cncacagang	ttacatannc	actgttgac	cagcncagta	actaggtatn	300

tnacacctac	annaetca	ngtgcacggn	tntanngnch	acntntaact	gctcttcatg	360
cttncanggc	cctatnnang	aaanccagan	atnacannnc	ttntactatn	acttaccaca	420
canagngagg	cnttngctnc	ctaaacnnaa	tntntatcan	acaagenntc	catcaanatn	480
tctaantnna	ngggctaata	angaancaag	tcnncgtgnt	gtgtancctn	ttctccctca	540
ncanatacaa	tacaggagct	gatatgctg	ggctcaccct	gcttaanaac	aaggntcaa	600
cnatcngncc	ataccctnn	tattaccna	gatgggaaac	ctctgnanaa	tggtgncact	660
ancctngact	ctantctctn	atatactgcn	nctntatngt	caatcncnat	ntaaaccata	720
anggttcaat	agcctataaa	aagngcgcn	gaaattagta	tgngnnattn	naggtananaa	780
actcanntaa	angcattcaa	atcttcangc	ctaccatgac	cctatttctn	cccactntaa	840
ccaanatgnt	nactctcana	tnggaggaca	nncnccctgca	atnctctcac	ctccccatnc	900
ctcaacatnc	cacccangaa	accanaatgt	gntaanccctc	nttncaacaa	aaatngnnngn	960
ggtaagnaan	cn					972

<210> 4519

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(759)

<223> n = A,T,C or G

<400> 4519

tnagnttttt	ttgtgggttt	tctttttact	aanngctggg	ntatcgttct	ttccgcagna	60
accntcgat	tcgaattcgg	cacgagggga	ggagaggcgc	ggggagccag	gcctcggggc	120
ctcggagcaa	ccacccgagc	agacggagta	cacggagcag	cggccccggc	cccgccaacg	180
ctgcccgcgg	gatgetccag	accttgatg	attacttctg	gtgggaacgt	ctgtggctgc	240
ctgtgaactt	gacctgggce	gatctagaag	accgagatgg	acgtgtctac	gccaaaagcct	300
cagatctcta	tatcacgctg	ccccggcct	tgctcttctc	catcgttcga	tacttctttg	360
agctgtacgt	ggctacacca	ctggctgccc	tcttgaacat	aaaggagaaa	actcggtctgc	420
gggcacctnc	caacgccacc	ttggaacatt	tctacctgac	cagtggcaag	cagcccaagc	480
aggtggaagt	agagcttttg	tcccggcaga	gcgggctctc	tgcccgccag	gtagcgcgtt	540
ggttccgtcg	ncgncgcaac	caggaccggc	ccagtctcct	caagaagtcc	ccgagaagcc	600
anctngagat	tcacatttta	cctgattgce	tttattgccc	gcattgcccc	tcattgtgga	660
taaaccttgg	ttctatgaca	tgaagaaagt	ttgggangga	tantnccata	cacaacacta	720
ttcctttccc	agnatttggt	actacttnat	ttaacttnt			759

<210> 4520

<211> 841

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(841)

<223> n = A,T,C or G

<400> 4520

gtttttttgn	ncngnaaacc	cttggcannn	ncggancagc	ggacnccgtn	ntcgnattng	60
gccgagggca	ttgaaacctc	cgttcatnat	ttttcggagt	taaanaggca	gcantngcgn	120
gnntgtacac	actnntanac	aggnnnnnnn	atngacttga	cctnntngaa	tctctaaatc	180
angttccata	tggatcgaan	gnccattatg	cnattcanat	gcngcccctt	ctnangngng	240
tgggncctnc	nacctntngt	gcncgtgcag	aactgannnn	gacggaccgc	ctcantcnc	300
ncnaacgtgc	aanatgtatn	nanncaggtg	aaggggaaca	ctaaccaagc	attgaggtcn	360
naaaaacagg	gatnnggtat	agtganctnc	ccnganagca	aaagnanntc	tgctcaccat	420

ttcccaggna	gctnagaanc	cgngattcc	tgaantcaga	cacagaatna	annctacccc	480
gnngcaggaa	nctntcnntt	gaaaattttc	ctnacggngt	cnttaccntc	ttnggcttgg	540
ggantnantn	gggcaccaag	taaanntntt	ntgcncaccn	ntgggggnac	cctttccatc	600
tgacccatc	nnngctctgt	aacttgacan	gntttntttt	ccgcnattgg	gaaagntgna	660
ggggtgctan	agccttaaaa	atgnaanccc	cctttttttc	ttaaaaanaa	aaaagtgttg	720
tccggctttt	attcnattgg	tngggatggg	ggggggagga	naaccannta	aagggttttt	780
ntcnngaate	cccnggggag	tggnnccncc	cgantttttt	tgggttcaaa	annctttccc	840
t						841

<210> 4521
 <211> 938
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(938)
 <223> n = A,T,C or G

<400> 4521	
gnnnennntt	ctnnaagggg
tcnnantcgc	ccnaaacana
cnanccggcg	gcctngngng
anngatccct	gggggcatcn
tgnaaancnt	nntgnaggan
annggtcca	tgccctgnag
ggggaaatgg	gnactnatch
accactcccc	atganacntc
nggcctgtc	cccactntaa
cttgctgncc	acnacgccct
ccccnngtnn	cccancaccg
nnnnccaaat	cgntcccacc
gggcntnncn	ccnganatgg
tcccaaaana	ncttttnagc
aaagcctacc	ttgnnaattn
tcccnngng	ggcccatnnc
ctnnaagggg	gggcaggggg
ggaatgcacc	accagggaca
tgatgnnaat	ggtagnnnac
gnannanccc	ntnatnnctt
cnetggtgcn	aacttgacan
ncanacagag	cacatccatn
gccncaatcc	tgacacnccc
cccgcgaact	ggaaaacncc
ggnggnntc	tcaactgncc
ancgaaaccn	nagccngcaa
nnctnccncc	cccccttta
agtcaccgt	tcnnnncana
tctnngancn	naacnnnnct
gggaanncn	cctnccggctc
ntnttcennn	catactngcn
aggggcct	

<210> 4522
 <211> 1128
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1128)
 <223> n = A,T,C or G

<400> 4522	
gctccacaga	gcggntttct
gaagggnggg	gcgnagggcg
ncnaaacacg	acnccgaaaa
nacgtngcac	aaangcngnc
acggncnaat	gacnanaatn
gacanganng	gnccctaana
ccaggagncc	ncanncgana
ctngggmann	cannaaggan
naaccccngg	ngccgnaaag
ggncacgana	cagttttttt
antnnnancn	nagagcgcca
gacantcccc	nagtntggag
ncacncacac	cnnnagngnn
gccacnntct	angngnntnc
aacnggtggg	accngccaan
gncngcaggn	anacgtcacg
ggacgccgng	gncngaaccg
gngctntnnc	natgcnnnga
caccctnnc	ngccnagtgg
nanngacncc	ggaccngnc
cacnnntgt	agnanangcc
ctnngggnc	cnaaaangcc
ancctngnag	gnntcggtaa

cgnggcctca	ctnnacance	ctancanegt	nccanntngg	gntacaetct	ccaaaenaca	540
tgagtctcct	cncnnaaant	ctcgggggng	nnncnncccc	antcatacnc	ancccnegna	600
aatnaatata	ccncgctana	tnccggcaan	atctgcnegc	acaagannna	gaccnnceta	660
cgactnntan	ccannctann	angggncaaa	acggngcnen	cncagnaaga	cncgggcann	720
tncaanacan	cncncattnn	anannggctn	actctnagaa	nacntcctnn	aanctcanct	780
cacccttncc	ttgctntcac	gnggcatnna	cactacattn	agngggntca	cactcttcaa	840
aaggntccc	tggnccccn	tngaaatgca	nncactcttc	ncnanngnnt	ntccnagcaa	900
accaanagt	caaaccncta	accanancn	cnntccccctg	gcctggncce	ctttaaannt	960
gganaccant	cncctatngn	cnnccgggaa	aaaccnctnt	agcccacaaa	annangctng	1020
gtgaagnnna	atggaaaagnc	tatnctcaag	naaatcccac	ctatttaana	ataancngnc	1080
cccgganccn	aatntggccc	cttaantncc	actccntngn	naccggc		1128

<210> 4523

<211> 876

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(876)

<223> n = A,T,C or G

<400> 4523

gnattatngg	ectaaatnnt	tgaagnttgg	tgatnctgcn	tngggggatng	tngttncnng	60
caagcccatg	tgtgtacnaa	agcttctccn	actatncgcc	ttgncggnga	acaanntttn	120
ttgagataaa	acaannactt	tnccgnagngt	gtcaaataana	gctgcggacn	agaatgnnnt	180
tncanctgnc	natgncncc	gcatatgctc	naaaagacnc	nganagggan	ntgnnttttc	240
tcctttgtnc	cgtgcctcnn	acttttagtc	nctggnggaa	gganccnacc	cnatantgct	300
aaantgcatt	ggcnanttga	aggtnaggta	gcaaacgact	ncctanatga	taanggtccn	360
gttannnaaa	ncttengtng	gacncnangg	tgantnang	gctcnnttng	gccttanctt	420
nacngctag	nngnacntcc	ganttatng	gnncttcatt	tcaggggntt	gctttanngn	480
gacagntaga	ccgaagattg	gaaannngann	ttggtggnc	cattgnncnt	actnnngttg	540
ttccgnnana	nncctggng	nttgantngg	tnggacnant	ttgnaccnnc	ttggttttgn	600
gaccaatcng	ngcaaacaat	ggcaaaaatc	cncttctntt	tcttnaaana	nntaanaatt	660
cttanggttc	ctggggggcc	tcctcttttc	tgcnccaaac	ttcnccaat	tannctttac	720
gntgggntnc	tncttaccac	aaacnttgg	gganggtccc	aanccnccng	gggaggncac	780
aanaancccc	cattggcccn	ccnnacctat	tttgccnngg	tnnacgaann	attctanctt	840
ttaannaann	cnatnttttn	attntttttc	ngaacc			876

<210> 4524

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4524

gtgntttcta	atgcttctaa	tngettggt	actcgttctt	tnctgcaggat	cccatcgatt	60
cgaattcggc	acgaggannt	ctntgctatn	gaacagnggc	tggttnnacac	tnnggantta	120
nnntgnacn	ntannnattg	nancanntan	tactggnnnt	ccntaatncn	nttaatgtna	180
cntnttgcaa	gnngnnctga	tnaaatacac	gacaggagg	aaanctantg	cgctcatagc	240
acaggcagac	ctaccgnnta	aggagatnat	ntnccnnang	gntggctgtt	gagnncatgc	300
aactctggna	tgtatttccc	tttataggac	caccttgtn	atngtggata	aagcccttaa	360

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agnaggatgn naaagatgat cngatccaat acgttaacnet gacannaaan nntgtnatac 420
ntcngctgan caatctntcc ancnnntnta atategtgna tcacctaggg tgtatgaten 480
taggaactct gcncctncan tcnngactgt ccatcaenga ctnntgggct nctactgtac 540
antangcna gaanancnt canntacan ntaaccagat tgggtgctggn anatggtant 600
gcnnntttnan cncccacgac ncaataaagn ncnnctntnc cccanancct nttnagggaa 660
gaaaggaatt ttncatagtg ggctcaatga anggggtacc cttggncctt ntaaaaaacg 720
ttncatggnn cctaccttaa acctgngtna actnanancn nttngncata anggggtctaa 780
cgnctatang gggnacnnat ttttnc 806

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<210> 4525

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4525

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ggnnnttctaa tgctttctaa taccttggtt ctngctcttt ctgcaggatc ccatcgattc 60
gaattcggca cgaggaaatg tgtattttcag tgacaatttc gtgggtcttt tagaggtata 120
ttccaaaatt tccttggtatt tttagggttat gcaactaata aaaactacct tacattaatt 180
aattacagtt ttctacacat ggtaatacag gatatgctac tgatttagga agtttttaag 240
ttcatgggat tctcttgatt ccaacaaagt ttgattttct cttgtattac attttttatt 300
tttcaaattg gatgataatt tcttggaac attttttatg ttttagtaaa cagtattttt 360
ttgttgtttc aaactgaagt ttactgagag atccatcaaa ttgaacaatc tgttgtaatt 420
taaaattttg gccacttttt tcagatttta catcattctt gctgaacttc aacttgaaat 480
tgtntttttt tttctttttg gatgtgaagg tgaacattcc tgatttttng tctgatgtga 540
aaaagccttg gtattttaca ttttgaaaat tcaaanaagc ttaataataa agtttgcatt 600
ctactcanga aaaagcatct tcttgगतat gtcttaaaat gtatttctgt cctctataca 660
naaaagtctt taaattgatt tttacagtct ggaatgcttg gatgntttta aatantaaca 720
ttttatattt tttaaaagac aaancttata ttnatcctng 760

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<210> 4526

<211> 1236

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1236)

<223> n = A,T,C or G

<400> 4526

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tttgttgng tttggntnng ggtgggggct tntntntaan gnntgntnta aatcgggtng 60
anagnccta anatngaata ggggttnggg ccatncnntt ntentntacn nnnnnncnt 120
atgcggnnnn nngcctcann ngnacttttt tanatnatnt tttnnccctg nnanngntnt 180
actcancgtn ntgtntngnt nctantccaa natacatgga tntgcccnnnt actnnnnnacn 240
ntacaggngc tngcccngnc nngttcnann nattancnna ccanntnntc ntntntncng 300
anagagtnt gcnnttcntg aaatgttanc gccnctcgaa cacnntnnta tcnctanctn 360
gttctcttgt ctnntcctnt anatgantcn gantttttna atngagtnc taatctcnan 420
ngntcttttn gatentntgg tctttgcnta ncttnnaacn tccttttgnt tangnanana 480
anccttcnta aattnannca anttnnnttc ctnnctaagn annngnccct antnntntnc 540
ttnnantacc ctnancnttn ttcnancnna tcnttcncca cngtntntaa nttnnantnna 600
tttcnaantn cctnnctca acnacntcaa ntacancntc ctctcnanct atcacaaannc 660

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aannngncaact	aanncgtaact	atttctncta	nggntccncg	ctattttnttc	cnactttnctn	720
ccaanannat	annntanaaa	atnntcccttc	taacnttncg	gctantctca	tctctnnctt	780
anntnnmnte	agcgacanat	nnnnncctnc	atatanatnn	ctcangtann	aantttctnta	840
tnntntccct	nananacacn	ntctntnnaa	nttcttcnnt	ntcttantnn	natantttcn	900
ntntnttann	natacnaact	antntnctnt	ntntnratnt	nnnatatcca	cctntannnn	960
cantntncona	tanntctnat	tnaatcnct	tctacanct	annnnntcnn	ccntttntnta	1020
tctnctttct	gngnaatata	tcnatattct	ncntannna	attntttct	ntcnctctnc	1080
antataatat	tttngggggn	tnctnctnt	aaattttntn	nnntnctntt		1140
annaaacctt	ggngaaatta	atctctant	catntatnct	nnnggnnatg	tacaccaaan	1200
ttnggttnan	ntntntttct	tcantnttaa	nnngnn			1236

<210> 4527

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4527

tgntttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgataactaa	aatgaggtca	atgggaccag	480
tgaagacatt	aaatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540
agatcagaca	gaggactact	gttcgaagat	ttttggaaga	atactgagaa	cggcataaag	600
tgaagatcga	catttaaaaa	atgaggtgaa	agaaagctnt	tgtggcatag	aaaaagtntt	660
aagctcaant	agttttttta	ttattattat	tattaaaagt	tattcaggac	tgatgtgact	720
ncngatttna	gaacatgtgg	taatagtnta	nt			752

<210> 4528

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (752)

<223> n = A,T,C or G

<400> 4528

tgntttcta	anttgctact	tggtcttttt	gcaggatccc	ttttgacgnc	tttggcacga	60
gaaagaaagg	gctcgtgaca	gagaaagaag	aaagagaagt	cgttcacgaa	gtagacactc	120
aagccgaaca	tcagacagaa	gatgcagcag	gtctcgggac	cacaaaaggt	cacgaagtag	180
agaaagaagg	cggagcagaa	gtagagatcg	acgaagaagc	agaagccatg	atcgatcaga	240
aagaaaacac	agatctcgaa	gtcgggatcg	aagaagatca	aaaagccggg	atcgaaagtc	300
atataagcac	aggagcaaaa	gtcgggacag	agaacaagat	agaaaatcca	aggagaaaga	360
aaagagggga	tctgatgata	aaaaaagtag	tgtgaagtcc	ggtagtcgag	aaaagcagag	420
tgaagacaca	aacactgaat	cgaaggaaag	tgataactaa	aatgaggtca	atgggaccag	480
tgaagacatt	aaatctgaag	gtgacactca	gtccaattaa	aactgatctg	ataagacctc	540


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agatcagaca gaggactact gttcgaagat ttttgggaaga atactgagaa cggcataaag      600
tgaagatcga catttaaaaa atgaggtgaa agaaagctnt tgtggcatag aaaaagtntt      660
aagctcaant agttttttta ttattattat tattaaaagt tattcaggac tgatgtgact      720
ncngatttna gaacatgtgg taatagtnta nt                                     .752

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<210> 4529
<211> 1017
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1017)
<223> n = A,T,C or G

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<400> 4529
gntttcgaat gctgggagag cccgatngngg ctggnnngcg cccaannaag ccctttggga      60
aaganccgng cnggttgngn gagnngccan ggggnagnaa agganngngn gnggagngngn      120
gggggngccn cngtttagng acagacncng gggagaaaac gggggcgcg gncgagagag      180
cggggngann atgnagggga ncggnnagnn nnnacagcng aaagggngcng naagngggag      240
nntaaggggn ncngngncnc anacncgagn gtangggcnn gncagagccg cngaaganag      300
cganncgnga ggcncgggng gnggggggca tggccgngnn nnnngngnag ccnagtnagc      360
gggnagaggg nangggcgcg gggggagngg acngggggan gccnngcgga nggaatagna      420
gggggagggc nngngagggg gncgngagg gggannccnn gcgngggggn nagnngacgn      480
ganacgagng nggccgggga ncgggagngn gggggncnn ggggccgna cnggganggg      540
gagngngngg gggangggan gggggggcan ccggnacngg nngggngngg gggggcaggn      600
ggngangagg gngaggnccg cgggngnnng ggggaannng gangnggggg ggnccnnggg      660
ngngngggga gngagagggg ganagggggg ngagccnggg nnnncagggg gnanagggnn      720
ggngnnnagg nggcgngggg gaggagngng ggagnganaa aagnganngn cggggnnnnc      780
gggggngnng gagancagnn gggggggcng cngaaaggaa agggcggnnn agagngcgc      840
nggggggncn ncggggagng cnggacncnn gngggggcnn annnganaagg gnnngggngn      900
ggngggannn gngngncggg gngnncgcgg ngngnggggg gngngngggg acncnggnag      960
ngnnngnggg ggcncagnga gggggnnacac ncncgggggg nnagnnnnnc gggcgcg      1017

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<210> 4530
<211> 810
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(810)
<223> n = A,T,C or G

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<400> 4530
ggaaaggggg ngnnntttct aaaggngctt ttcaaatnct tggctactcg nctctangta      60
ggatcccatc gatgcggaat tgggccacna ngnnaggnag ggnntgcang ctggngntnt      120
cactgataca ngcacgcng tatgcaaagg aaggaaggga gcttaatgcc angaacagat      180
nttgcagttg gtggggtctc aataaangtt attttccact gaaaaaaaaa naanaaaac      240
tngggcctct agaactatag tgagtcgtat tacgtanac canacatgat aagatacatt      300
gatgagtttg gacaaaccac aactanaatg caangaaaaa aatgctttat ttgtnaaatn      360
ngtgatgcta ttgctttatt tgnaaccatt ataagctgca ataaacaagt taacaacaac      420
anttgcattc attttatgtt tcaggttcan ggggaggtgt gggaggtttt taaattcgcg      480
gcccgcggcg ccaatgcatt gggcccggta ccagctttt gtcccttta gtgagggtta      540
aattgcgcg cttggcgtaa tcatggtcat angtgnttc ctgtgtgaaa ttggttatcc      600
cgcttcacaa ttttcacacc anccattacc gagcccgga agccataaaa gtggtnaaag      660

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```

ccctggggggg tgcctttaa ttgaagtga gettaacntc cacaatttaa atttgccgtt 720
tgengettna acttggeccc gtttttccaa ttcggggaaa aacctgtgnc gtnncccaac 780
ctgccttttna attgnaatcc nggcennacc 810

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```

<210> 4531
<211> 814
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (814)
<223> n = A,T,C or G

```

```

<400> 4531
ntgngggggg gaggggtctac natnnagngg ggctnncnt getctccgna ncagnccggc 60
ggngnccgaat tcggcacgag ccaagnaata cctnggtaaa tnttctaacc tnatantgta 120
tncaggggttn atgggtcatt tagnttgaga gtgtaagag actggagttt taatccaata 180
ngngtgccct ttggttctca gatatacata caagctgtga ttggttagat gtttccatct 240
ttttatatat gcatatacat attattattg gtgtntntta ttttnaggaa ctgaaagaaa 300
atgggtgaatt gctgcctatn ctgagaggag aaaattaata aatcttaaac ttggtgcccc 360
actattgtna gaaatatcta attacattgg gagcagntca tgatntagtc ctcagaaatg 420
gactaggaat agaaaattcc tgctntctca gatacatgtt ctgtgtattt ncaatgtcgn 480
gctaaatnaa tgtatgttac attttttttc ccnccanaaa aaataannaa aaaactcnga 540
gcctcttana nctatagcga gtcgtattnc ggnacnacc agacatgata agatacctnt 600
gatnagtntg gnccaaaccnn acctagaatg caantgnaaa aaangcctta tttcccgnaa 660
attttgngan cgcntnttng cnnaatttn ntaaccctt tttaanncg ccaaattaa 720
ccnantttna cccaacnnnn ccnaatttgg cnattccct ntctnacngn ttttccaagg 780
cttccaannn ggtcggaag ntctttnnga aant 814

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<210> 4532
<211> 782
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (782)
<223> n = A,T,C or G

```

```

<400> 4532
ngaagnnnnn nnnnnnngtn ggctntctaa tntngcnaa nngctgggtct actngnnntn 60
tecncantat ccttntctaca cgaatccngc acgagcnatg atgnanateg anantnaetc 120
tngttgatgt atatatttta ttnacaactgg aacagctcac ncnctcanen tcttgcctca 180
nnacctggat ngatnnccgg cccatattga gcaacttcat tgcagaantc acctgtaggc 240
ctgacagcct naaanagtnc cctttattag anagtantnt gncnacttct gatctgtnat 300
ctttatgtna agcatgtnta ttntgnacan catatacttn gantnctctg ncctacngca 360
tattctaattg tncctangnn tataaattgg ngtgtccaga ncancennnt taaatttang 420
ccngttntat taataattga ncctagatct nntctaatec taaaatnaat cnatgtattn 480
cctgacctgn tntttattca atctgtttat gggaaagcat catgcancct ttacaaatta 540
tntnntcacc tctncacngc nagctttctn nntcnnnnaa gtnggggcta tctgantatn 600
gtccgcaccc cttgacnnnc tagntntecn ttnaattatc nctggataca ctgtggngcc 660
tagttaaann nccatnccct tcnangtggg atngnggnaa agcgccctnnn ggggancatg 720
gantttcaca aagcctcgaa ngccccacgc ctngacgaat gcaaattccn angnttgttt 780
nn 814

```

<210> 4533
 <211> 867
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (867)
 <223> n = A,T,C or G

<400> 4533

nttttcnnng	ttgggngnnn	ngnnggggtt	tctaagtng	ctaattggcg	tggctactcg	60
ttcttnccgc	acgcagnncc	gngnttcgaa	ttcggcacga	ggtcctnntn	nttttnttng	120
nngetggng	gnaactctnt	attnnantgt	ccggnagaag	gatgggngtg	ngaacanggt	180
ggncnctgtg	cnngctncag	ctttcactcc	ggngggngtc	natgctgtcn	nggnccgcac	240
gnaactgcan	gnncacannc	ctggcctccc	gaggcangca	cagcaagtgt	gacgggactg	300
gaagccnttt	ncacgacctt	gnatgnctg	gtcacgtcac	agtcantggg	tgccactcta	360
caggctgttg	gggatggntn	ancaggggna	cactgtgcat	nactaacagn	cacctgngta	420
tgtgntgcnt	anateccggg	netggnnnaa	cctccngctg	ntcccatgca	ccacaagact	480
gccantgtng	anttgcntga	ntccttntctg	cnntttttcc	ancnatgana	anctcctccc	540
tgcggttcnc	nggacngtg	naanantccc	gaagcccctt	ngcatggcnt	nggnttggtg	600
accnccccgg	cctttnanen	ggcctncnc	ctanaaggct	tgntancccc	ntttctacna	660
teccnggctc	nttcnncnt	ttcttccata	aaccgctgc	gtccttnca	ngtcggnttn	720
ctcggggnc	ntnctctcn	ntggggngnt	teccnccct	cctcaacct	ttngncccc	780
tggattntac	ctanngtcc	cttnaaatc	tnnccaacg	gccccnctnc	ccnccgccc	840
ngncttnenc	cgtntnactn	acnncct				867

<210> 4534
 <211> 1038
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1038)
 <223> n = A,T,C or G

<400> 4534

necccttnt	gtagnccnnn	ccannngnnc	tttctaaten	nggngngggc	ctgganattc	60
naaanagacn	ngccggggcna	nttngggggc	aggngngng	ggggtgnnt	tggnctnnaa	120
antgnngta	tcagnactt	cnacgctcn	gancccgnc	ccatantang	ggccnngnan	180
acctggcca	acannngcn	ccaccatgnc	tnncccncc	ttgacattnt	nacnaccnnn	240
ctgaancnt	ccnctncc	ctaccctacc	accnctgct	cnanntacan	gcttnagnnn	300
ctnccctag	ncntgcnnc	cntntatenc	nanagngact	aactcnntt	nnaccagnan	360
nnnacnncnc	nactctgct	nccatcggt	ancctanntc	tactcnacga	tacnncnttn	420
acctcatca	catcattctc	tcctgatnn	ntnagttncc	caaactacnc	gcccnacacg	480
netgtgcntt	ggtnccccaa	acnncnncat	gnccnnnaaa	ntcttnncnc	cnctnngcca	540
nnccaccncc	naacctnac	cntatttct	ntctccctnc	naanaaacgt	taccacnccc	600
taaaanattc	ccctatccc	cnnaaannc	ntaccacctc	nnccggcncc	accccnccct	660
cgnmgacana	anatctacct	tcgncacna	caaaccctc	ctccanttnc	ncncacnacn	720
aattntcaac	tttanntcna	acctnnnccn	tnctanntcc	cccttcenca	nnccccatt	780
tncccttcaa	aanctccctt	ancccnnaacn	tctccccctc	ctaactaata	tctctctctt	840
gcacantcna	centctaate	atencaccac	tnnncatnca	ctccttcaat	ataccttttc	900
tcttcnnaaa	anttnccctn	tnncanatt	cctntcnntt	ctaactctct	cntctctctc	960
cctnnancac	ntctctctca	ncggtctatn	ccatttctct	ntnctctact	ctcttcenca	1020
netccaaann	ccaccct					1038

<210> 4535
 <211> 932
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4535

tccccaaaaa	aagaatcatt	nggttttggg	aaagaatacn	nantcagnaa	ctnttcnggt	60
gtgtggtgaa	aatgtcaccg	tgtgtgggnat	accctatctc	ctggctacaa	gacctgattg	120
aaaangaaca	gtgtccttac	accagtggaa	natgagtgc	tcaaagactt	tgatgaaang	180
gantntcang	agttgnatga	gctgcagaag	aagttaaata	ttaacatttc	cctggaccat	240
aagagacctt	tgattaaagt	tttngggaat	tancnttaga	tgtgatgcag	gctanagatg	300
aaattgaggc	cgatgatcaa	gagaagatnt	gattggccaa	aagaaccagg	aatccccgnc	360
cagattcgtn	ttnantgant	ttataggnat	ggcancnttn	atggacnaat	aaacacttct	420
tcatttggtt	nttaacnaaa	ntgtncccnn	ttttgaaact	cnttngggat	gccanagggg	480
aggnnaaaen	ntaagncctg	tttcccccaa	aaccngnant	anancggtnn	gtganaatat	540
ntataattgg	tngtcctttg	nnttctcttc	nngngngngc	anaaaanant	tntttggncn	600
ntgcgntgtg	ngcncctttt	cnaaaaatctt	ttgattngcg	gagngngnna	nnnncctctaa	660
ntgnntttcc	gtccctttga	cnengaannt	ttgtgggnnt	ttggggggcca	ttatnataaa	720
ttttttntna	gntcgggtgg	aaaaatagnt	cnccttctng	nnaaaaanata	cnttcctttna	780
ggntntnaaa	aaccnnaant	aagnnngcgg	ttanaaannt	gtnaannact	agagnntnnn	840
gnatncttnt	tgtnntatnt	annnnnnngn	ttngncnggn	tnaaanttnn	gccnctncnn	900
atthtantnt	tatntaatcc	ttntnnggan	nn			932

<210> 4536
 <211> 836
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(836)
 <223> n = A,T,C or G

<400> 4536

atacactgac	cttgcccgc	catctgcgag	atgaccctgc	aggaataacca	ctatgtccag	60
gagaaggctt	ccaagctagc	tgctgcctgg	cttactcctg	gccctctaca	tgaagaagct	120
cggatactgg	gttcccttcc	tgagcatta	cagtggctac	agtatctctg	agcttcaccc	180
cttgggtcaga	cagctgaaca	aactgctgac	tttcanttct	tacgatagtc	tcaaggctgt	240
gtattacaag	tattctcacc	cggctcttct	tgaagtcgcc	aaaatncctg	ccttggatat	300
gttgaagctg	gaggagattt	tgaactgtga	ttgtgaggct	cacggcctgg	tactctacan	360
cagccacagg	gctaagcatg	catgttaaca	gggtatat	attctatgtt	cgaatttgct	420
ttttgatcgc	tcanattcat	tttncctttn	nttgcttttc	ccaaactgmn	aatgggtataa	480
atatctatgt	ngcttggttt	tatgaaagga	aannaaattg	gcanatttga	ctncaaaattt	540
aattanaaaa	ttnatgggtt	attgggttaa	aaaaaaaaaa	aaaaaaaaaa	ctcgancctt	600
tttaaaacta	ttaaagaggtc	gnaatanccg	ggggngggcng	gaccatggan	aacaaacatt	660
tncttgaagn	tnccgggccaa	accncaacgt	ngnatggcaa	tngnaaaaaa	aannccttnt	720
tttgggaaaa	nttggggang	caaatgcttt	tattgccanc	nttttnaaac	tgccaataaa	780
caagtttacc	cccncaatn	gctttcantt	tatgttttnn	ggccnngggg	gaggggn	836

<210> 4537
 <211> 1039

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1039)
 <223> n = A,T,C or G

<400> 4537
 atggnnnnnn nnnnnntttt ttttggaataa aaannnncccc ccctttttttt ncctnaaaaaa 60
 attggggcctt tttggggcaa aaanttttngg ccctncttcn tncctttggnn tnttgnnnat 120
 ncccccnatt cgggnattttt nccggaaaaat ttccgggggcc naccgggnagg ggggnattagg 180
 cccttttnana nagncccaaaa nggtntntta cccaaagggg tataatttttt aaagnnatgg 240
 ggggnaccagg gtgtntngcc ccaatttagg aaaggggaaat tttntctnaa atnaagttgg 300
 gggntntannt ggccangtgg ttacctnggg gcattnggna aatatnttct tgggaacttg 360
 aggtntaaac tggaanggga gnagccctna aacctatagt aacttcannt ccccaacaagt 420
 atactagaat tngtgcaccc tcgattttata ttgcaagngt ntcaaangtg tcaactggnac 480
 acaaataagaa acactgccaa cttgggtgtaa cttaagctnn catttaacta aaacattntt 540
 ttcttgcaaaa acttattttat tcatgatcaa tttnttgggt atntattata ctttgattcc 600
 taaattagtn catccttgaa tctatgaaac tgggtgcagtc attatgccc naaatnntct 660
 naaaatatat taatgggtca ccttnctgnt caaaggggtg gtgcaanggn cttgcagcat 720
 tnttacatnt tgtgctttgn tangaaaaatg taaactctna ggctccacaa ntnnactttg 780
 ctgcattttt taacaaaanaa tcccccaang gatatgtaat gctcataana aatttgggac 840
 anctgggttc nantggaaaa angggntctn aaggggnatgg cataaaacttg gtggtnccgg 900
 tnanngnttt naaggccttt tccaacttta nannnttttc tgatttttga antnttccan 960
 tnggntntaa naacctnnnt tatatatcna anattagggg cctttnaaaa aaanncttat 1020
 ttnngctagn aaacctnnc 1039

<210> 4538
 <211> 743
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(743)
 <223> n = A,T,C or G

<400> 4538
 ctnnnccctc ttgatecctt cctnctttga anncatnngc tacttgttct ttttgcagga 60
 tcccatcgat tcgaattcgg cactgaggtg acctacatca gaagctgctg gatgcagnaa 120
 agtgaaaaca gacaaaaaca acacngggcg aatcttnaca ccattntggg tgccnnatnt 180
 nncennngat atttgcttgc tnagctctac tcctccaaga nannangnnt caaacnctnc 240
 agcangntag agcanntnaa gaccgcntnt nctnacctnc tnaagannct ctgngaggan 300
 cgcaatcctt tngtggana tagaatcaac agaccacact gcncctctgga ccatgngctc 360
 tcaaangngc tagaagggtg tgaccttttn agactcttgc agaagaggcg angtggtgng 420
 anaccttnna ggaanacttt cccgaactag accnncnctt ncngaacnng ntcaactgtt 480
 ggggnngaaa ncntgtgann tgnngncctt cngagagacg gcatattcta tgatggcnga 540
 cttnatnctt ctgcggaacc anactngacn tactgaaaga aanctganac caagcgtctt 600
 ccttaaggac ccttatatcc agacnacct ttggataata ccnctnggcc aaaacnntnt 660
 aactntgcat acaatcngga tggcaacatt tgaactggng gccttnanna cctttaccgg 720
 cttttcnat tatgnaagag ntn 743

<210> 4539
 <211> 849
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(849)

<223> n = A,T,C or G

<400> 4539

ccnctattg	ccnnnacat	ggggnntttc	caccccgntc	acgtggtggn	cgcccanncg	60
nacnagcang	agcctacnan	tcggaacata	tcgcctttat	ngtctttaac	anagannntnn	120
ntnnntagnt	cnattcantt	atnaccacgc	agatccttaa	tnnaggcccn	tatattnctt	180
acctnattag	aactntnnnc	aaanntcaac	tgnttnacct	taatgnntng	nagcacntnt	240
nacagnngna	cttaaaactn	tanaatntcn	tnagnnnncg	ttattctcca	ctgaaggnet	300
ntccactgtg	caccatttca	ngcatcatca	ctatgattct	ttcancanga	ctntggcncg	360
gnttgncact	gatctntnnc	cnaatggcna	acnagctgna	tnntcnnttg	gnctcnctta	420
taggaacnan	caacactagc	ctactgnatc	atgatntccg	anaactgaac	catgaacact	480
gccatctnnc	catgntacct	gcataaagaa	nttcacntca	ctctgaaaca	tannatgact	540
gaentgganc	tnactaattn	ctgagaactg	nnntcaaan	naccactta	atngggntca	600
ncatnttgnn	acncttgnaa	tntaanntna	nnnaagacc	nnnttgant	ngccncatt	660
ttannttngn	ccataataan	ngngccacnn	ncctnaannt	cttcaancan	gnaaaagntt	720
ngcaacttnt	tacnacctct	netccccnc	tnnatctaan	atncnnnata	taccacttan	780
cccagaatan	ctacncccaa	nccanncant	caccncccca	cnattttatc	tcacanttec	840
ncantcct						849

<210> 4540

<211> 777

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(777)

<223> n = A,T,C or G

<400> 4540

gnnnnnnncnn	cnnttgggng	nttggtgggg	nttttnaatg	ttgcnaaaan	gcctgggtac	60
tcgttctttc	cgcaanancc	ntcggttcga	attcggcacg	agggagacca	tgcaaagcct	120
gaacgaccgc	ctggcctctt	acctggacag	agtgaggagc	ctggagaccg	agaaccggag	180
gctggagagc	aaaatccggg	agcacttgga	gaagaaggga	ccccaggtca	gagactggag	240
ccattacttc	aagatcatcg	aggacctgag	ggctcagatc	ttcgcaaata	ctgtggacaa	300
tgcccgcatc	gttctgcaga	ttgacaatgc	ccgtcttgct	gctgatgact	ttagagtcaa	360
gtatgagaca	nagctggcca	tgcgccagtc	tgtggagaac	gacatccatg	ggctccgcaa	420
ggtcattgat	gacaccaata	tcacacgact	gcagctggag	acagagatcg	aggctctcaa	480
ggaggagctg	ctcttcatga	agaagaacca	cgaagaggaa	gtnaaaggcc	tacaagccca	540
gattgccagc	tctgggttga	ccgtggaggt	agatgcccc	aaatctcagg	acctnccaag	600
atcatggcng	acatccnggc	ccaatatgac	gagctggctc	ngaagaaccg	anaggagcta	660
gacaagtact	ggtctcagca	gatttgagga	gagcaccacc	agtggttacc	acacagtctg	720
ctgaggggtg	gagctgctga	gacacgcttc	acagagcttg	ngacgtncag	tccaatc	777

<210> 4541

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)
 <223> n = A,T,C or G

<400> 4541

anttttanct	tgaccccttc	aannangatg	aacataaagc	tcttacgttc	ttgaaaggat	60
naaacacaag	aataagatgg	ggtncagtg	accagctcct	ctacctgggg	tcattggagga	120
ccgaagaccc	tccaaccttg	atgcctgtaa	ggacaggcgc	tncgtgaagg	gacaggtgt	180
aaagaatctg	gccatagctc	ctgtacaaaag	cctctttgtc	tgaagtactt	gggtgctctt	240
tgacggcaag	agggaaacaca	acctgtccgt	ggctgcttgg	acctcaccac	gggggtcaa	300
gtggacataa	catctatttg	acaggccctg	gcantcacca	ntgggggtgtg	tgtggcagtn	360
gctgtggggg	gtgagaatga	ctgccaacag	gcacttctca	acaaatgacc	tngctgtttn	420
acattggccc	tgaaccaggg	angaaagnag	agggaccaat	tggaaacctt	tgttncanc	480
atttccttct	taaaaaagg	gaganacaat	tttaaaggca	cngttgttat	ggaatttggg	540
aattaaaagc	aggaggcttc	aaagggtggg	tttcttgann	tnaaaggaac	acaancccg	600
ngggggcttt	tgnngggttc	naccannag	nccttccctt	ggggcangan	ancacncaat	660
ttngttncc	nattgccatc	nnattttattt	gccccctttt	ttnantannt	tggttnccca	720
agaaattaaa	tnnntggtnt	tattaaattc	attttgttng	ctttnttttt	tggttcggga	780
aagntntttg	cntananacc	cccccaaaa	gaataattga	attgggggtn	ccccttgcan	840
cctatttgat	ttnttttaan	gcctgtnaa	aaangncttc	cccancctt		890

<210> 4542
 <211> 770
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(770)
 <223> n = A,T,C or G

<400> 4542

ngggntccnt	tttngaaagg	nctctctttn	aagacccttg	ctacttgntc	ttttngcagg	60
natcccctcg	antcgaattc	ggnnccgaggn	tggccaggan	ggtctnaatc	ctgancctca	120
ngaggngngg	gantgagttt	nagaanngcc	tgctcgnangg	agatttgggt	agaagccctc	180
atgctgagct	ttgtgtccct	ggtgatgttg	gaacattaat	gatggaacat	ggccaaactt	240
cagtcattgat	cctgaaacca	tggcttcagg	atcatgactg	acgtcatggt	ttcttccctg	300
ccagaaatga	aggttcagtt	atgaggcaac	cctctagtaa	ggcattgtaa	aagttactgg	360
atttggttta	ataaaagttg	aaataaagtn	anataanatn	aaanaaaaaa	ctngagcctn	420
tanaactata	gngagtnta	ttacntacta	tccagacatg	ataagataca	ttgatgagtt	480
ttggacaaac	cacaactaga	aatgcagtga	aaaaaangct	ttatttgtga	aatattgtga	540
tgcctattgc	cttnatttgt	acncattntt	aagctgccat	anacaagtta	tncaaccacc	600
nanttgcntt	catttttatg	ttttcatngt	ncatgnngga	ggntttgggt	aggtttttta	660
atttcncngc	ctntngctcc	cantngnatt	ngggccccgg	ntcccnantc	tttngttccc	720
tttacttgng	ggggtaaag	ccnccctttg	gngnnannna	tggnnctacc		770

<210> 4543
 <211> 861
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(861)
 <223> n = A,T,C or G

<400> 4543

```

tngntntnnn naaagnngnt ctntctctana gntgannttg ntgntgaacc cactntcccc 60
cannaancnn gcgnngcgaa ttcggaacga geetantaen gtagncttgg agcatcacga 120
ttttttnnna ngcntgcate agtatactgg aggacctnct ngenctgcng gacanagacg 180
tccnacagaa tnnngaaaac ngtgctcagg actanannct gaccaaacn cgtgcacana 240
agcaaggaan tagggcngga nancnantnc ngnggentnc agctctgnen cgcannatnn 300
gntancntnt gacttancgt ganancaatg aaggnnctna accaaagtnc ccanggggac 360
atnganaaat agcacnangg gccttgatatn ggacnntaen cnntnccnaa cntggntnecg 420
gggntgnnac cntgggaaag gagcctttctg catnnnnnnn cgcctacccc atgancnccn 480
ctntaccang gctntgcccc ctgagccaan cncgctgggt ntgetgcnaa ngnaanaanc 540
nanntctnca gatatggacn taaccttgca aatntanaan ncttgccaat ttcnattttg 600
ccangatccg ncnannccac aatnctctct nnaanagaat cccccacncc cccnagaac 660
ctcngnaaaa cattnnggnc nccnctnng naetacaat tnnctctcan cctagganca 720
cncnntegct atgcncccn cttaccaanc ctanttcnnt cgnancttac cccnnntttac 780
ccntnnggca tttcccccn accnttgnat ttnannnatt tcccttcnng ganatgcaat 840
tctcntgngc acccaacaac c 861

```

<210> 4544

<211> 813

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(813)

<223> n = A,T,C or G

<400> 4544

```

tgtgngtgct taagcagatt gctatgatgc atgtccataa aacagntttc tttctgttct 60
attgtggagt ttttctgggg ctggaaaaca ttcttttggt atttccaaac actgtctata 120
attaccagac atgatataaa cacataaggt gccaaactga atttactcta gaggggactt 180
tccctctcag acttccagtc aactcacact tgtgcaacaa agtgcattgt gtccccataa 240
tatgcaagca gaactgtggt tctgcctatt tggatatctat agtcctctac agtcacttct 300
agagagacta aaccaaattt ctaccaactt cacagggcaa caatcaatag ttttatctca 360
atgactcttg tatcttcaga ccttaaactg attcagagac catggggccc acaaacctaa 420
tcaagagtaa cgttttctatt gagtacacat ttcagacatg agaattctca ctttccccct 480
ttttctcttg gtaaaatggt cacaaaatgt gcaggtaaca cctgctgggt actncagcca 540
ttcggggccc taaatctgca gctcttcatt ttggatctag gtcttgagaa tttgggaaat 600
agaaaaattt ttatctaaaa atgcaagtct tttgggttat caaactcaga cattgaaaag 660
aaaagngcag ttacgccttt ctntcntttg aaanatgnat tcatctnttg gaactgggtc 720
acttttggcc ncaagttgat gtntattaaa ctggatatcc cacattggac actggatctt 780
atccctaaac cataatgana tatgtccaat cnt 813

```

<210> 4545

<211> 960

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(960)

<223> n = A,T,C or G

<400> 4545

```

tgggttttca ggngccccct tnanacgggn gcggcctttc gcctnnnccn aanagcccgn 60
gcgattcgna gacngcnnga naagtgnenn angtnncttn ntnatgggtg ggactttatg 120
nanctgangn cantncnngn cntgantatt ntncnnnnnt ggnaagatng cactgtnttt 180

```



```

ancctgatgc cagntggngn tatcccntnc ncnnttnttt nnttcacggn gaacnnnata 240
natngannag aatgggnatca gagaaggata ctcaactntgc tctcacngat tagcggcgat 300
tngcntgate nengetgnca tagnaaccnt atctctgngn ttcangcgac tgannggtga 360
ncaccncccn nctagntggn acnnatnnca ctctnngac tntccngcaa cntnttntnn 420
ctntnagngn gttnngnnnn ttncccggn nnnncncnn ttnngnnca tnttttnac 480
cccntttggc nccacannan ctncctttgc cataaannct ttnntntacc atganngnga 540
ttncncnctt ttngnctnna tcnctnttna attcaatnca tanncnntta tccnnccntt 600
tttctntgnt cctttttnt tngnntnngn ctgggaantt ttggtntccn cctanntnga 660
antngcctt aanatccttt ggggtggacnt tgggcangnt tcttctnngg gaateccttt 720
ttnatggaat tggccttnaa ggccnnttgg tcttcttgg caacctnngg ggtnggccnt 780
aaaatgggccc cctnaanttn tttanaatnc ncnnnnantt actnttttcc nccccaacc 840
nntttaccgc gttgggctct taacccccag gntgggaatt tcaaaatttt taaggnttcc 900
ccatttnttg gaaaacctta ntttngggac ccccattnn gggctnccna ttttnggaat 960

```

<210> 4546

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (816)

<223> n = A,T,C or G

<400> 4546

```

tnttnttggg aaagggcagt gtctctaaac ccaggcaaac ggtaaagtgt gggcatanca 60
agagggcccg gtagtggcca cttncccatc atgctcgntt ctcatthtgt gttttttagt 120
agaaaaacac aggggtgttct tttgcccaga cattaatctt tagaatgcct gtnttttcta 180
atgttgggat ttctttcaca accaccacc ttaatatctt cattgngact caganaatca 240
gacttcattc gattctntag agaactataa atactgttgt cagtagaagt gaantcttgc 300
ttatgtaatc ctaattcaga atgtgttctc agaagaggta ggcnnnggacc anantgggc 360
nagaccacag gcagaggcca aatccnccc cctgcccnta gnagctaata tnagttttac 420
accacttgt tcatgtattt tccctggcta cttgtgggca gcaatgccag agtcaagtca 480
tcataacaga nacagaatgg cctggaagct ggatttacta tttcaacttt tacattaaaa 540
cttgatgacc cctgtgctag acaggcagct catttctgcn ggtaaaatta tatttcatct 600
tccaactttt catttccaaa atttgaacct atattactgg aggccctta cnnaagntaa 660
anttttcatt nttcttttgg ggggaaannc tncagaaaaa nccctnngcc cntttaaaaa 720
cttnnatgng ggtnnnttac cctgttccca cctggaagg tccntngggg nttngggcaa 780
anccccacna nngtgcccn gaaaaaatgc tttttt 816

```

<210> 4547

<211> 785

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (785)

<223> n = A,T,C or G

<400> 4547

```

taggagtctg aaggcctcgc tgctttctgt gatggctttg cagtaagtgc cgctggcct 60
gcatgcattg gctaacagge tgcagaatgg cacngaagga ctgctcgag attgtcatgg 120
ccagagatca taggtcactt naggtagcaa gacccctgnc aaactgggca cttggcctat 180
gtactgattt gtgggatggt ggcaggggtg tggggctcct caccctgct gaattctctt 240
tggtctctgt gctctgtatg ctgctgtccc caagggtctt ttcttattat ggcagnagat 300

```

```

ggggattggt cctactttct ttctctggaa anggaaagcc tccaagactc catgtgcttg      360
ggcagcttga gaaggcggtc ancaccacgc ctagcaggca gaccttgaag cctcaccttt      420
antntatctg caagaggtat tcanttcctg gcacaaggga ctaggggcat gtanagtata      480
tgacgaggca atatggctgt gcnggacctt catttaacct caattaatag ggaaaaatta      540
ttatactcta tagatcctga aagggttcta agattaaaaan catccttatt aaaatcttct      600
aaanaantct ggaaagaaac acctaatacta naaaaggcct gttnaaaaaan ccacagngat      660
gggttnttaa gaagcaaact ccncagcatt tccatttaag taaaaactaa ccaaggcagc      720
ttttatttaa gaagngtccg gccttctaac cctgcacaag ccnatgagga catatggaaa      780
atattt

```

```

<210> 4548
<211> 734
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (734)
<223> n = A,T,C or G

```

```

<400> 4548
gngcagctct tgttcttana gncaggetac ttgttctttt tgcaggatcc catcgattcg      60
aattcggccc nagctgtgng ggacacattc nnactgcggc aggacntgtn tgctgnctna      120
tcacnttgac ttgtaatagc attaatnntc aagcgattga tntatnataa nngncattct      180
agcatngtnc atggcngann ncntcctggn anatgntaac ggtcttgcn nctgatnctt      240
ctatctgnac tgggtctctg gcangggcct gatgnatngt anatactcgn tangtactnn      300
ttngtntnc nggggntctn tcatgnnngn natnnnagca cccangagg actacactnn      360
caagaaaaaa tggtnngctn ntacngagct gtnaagaact ntggaactg ctatcctgan      420
gcnctnaac ttcacatgag gatgcctanc ttgtatnnat gttncntnt gnntaacccc      480
atgatctgan tntggacact aagancnntg tcatnggctg agngggctnt gaagngnact      540
cntaattatg acnctgggat ntaaacgggtg ctacattgt cttgnanggn antttttcaa      600
aaanggattt ncgccttttg gncctntggg aatttaatag gcaanaagtt ttggccttaa      660
ttgccanang anganancct ggantgctaa ngaacggcnc tnttgctctn nggatggnc      720
cctaacttna aggg

```

```

<210> 4549
<211> 621
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (621)
<223> n = A,T,C or G

```

```

<400> 4549
tgnggggcna ganacccgnt ngggtgcaa gggccggctt gaccnacgn atnccggggc      60
ananatgcct gtcnagnnna caaaggaagg ttgtnnccgt ttacgcctat tgggtggaaaa      120
aancccnttn tngaaggctc atcctcaaan ngcnntnngc gttcncccgga ctggccggtt      180
atncaccnct ggnnaagagg ganttnattn naccgctct tttttanaag annnnaaagg      240
ttcngcatnn tggggcnhnn gnnacactg gctttgana gcnanagctg agtgacatcc      300
accagatnc aaaatggtna catgtcaact gtggccgaaa acgnggcgc actgncccat      360
ccgctctten ggagnttgtn ggccctttat ncgcacnaaa ttgcagcctg ccggatactg      420
tattcacaca ggctntgagg ggggagggat tgtntcaga atgcattaag cgcnttnaat      480
agcctgcntc ngttgctttg tcaantggc ttnacatgaa tgcccgtecc ctgaatatcn      540
ngtaatcatc taccnnacct gggatcgcaa nncgttaaaa canaagggca agtgacggng      600

```

gtcgtactgn gnaagagctc c

621

<210> 4550
 <211> 971
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(971)
 <223> n = A,T,C or G

<400> 4550
 nccncttntn tntagggngn tngtgggggt tttcnaatnt nngctaatagc tgggctcntg 60
 nnctttntgc aggtatccca tcgattcgag ngatgcactg ngantacacg cncataaaaat 120
 cgcagtcctg gccanaagac gttatggnga ttgtgagggg ctgggggnnt tggtcctntt 180
 tnaggggctg tnnngactca aatcggtgnc tggtttcaca catatgtgtt ggtttgtggt 240
 ncaacttctt tatctganaa cncagtgat aaancattga tgntactgac caatctaaac 300
 taccatcttg anagagtngc anctgaaant gatgcgatag gcgtgncaag tatctgatna 360
 cttctttnan gcatacgnna naantgtatg ccngttacnc ttgnangata cctntgctnt 420
 nacaggntca gtatntatca gtngnncac aaacacatga acacattcng atanggetta 480
 tttcacacag ttgaagttga tgatcntccc ctggagtgtc ctgntanata tgnncngcc 540
 tntangggna aaanaacccc acactgcttc tntgaccacc ccnagcntnt ntncnntan 600
 taatattttn tncannngng naacgtnnnc naccgcctnn aatncctnnc cntcgnagg 660
 naaaanccca ntnaananc gncattnnnt tgcactcccc ctcnnnnact caactnaccn 720
 acactgggcn caannccctn gnnncacaac cnccttntnt tntctcacng ggaatcggca 780
 atnctgcact ttcctatccc tggnccttaa aaanattana tctccgggnt ctatcnnttg 840
 taagntcacn antcntctc nntancaaan cnanacnnnc annttttnc aaatccttcn 900
 tnnccnca nnncnngng cactntntn cngtgnenna actcntnggg gcnnatntnt 960
 cncncnctn t 971

<210> 4551
 <211> 791
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4551
 tttgaaaacc cntttntttt naatcctttt ctttcaaata gttctngttc tttttgcagg 60
 atcccatcga ttcgccaatg gatgcaggna aaactgagat gggatttccc caggttgccc 120
 aggctgggtc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg 180
 tgcttggtg agatgacttt taaaaaaga cttctctaaa gtagaaggaa ggggtggaatt 240
 gtatgcacaa gaagaaaaaa acctggaaga aaacataact aaagaggctg gaggcgaatg 300
 gcgcgatctt ggctcaccgc aacctccgcc tcccggttc aagtgattct cctgcctcag 360
 cctcccaggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt 420
 agtagagacg gagtttctcc atgttggtca ggctgggtct gaactaccga cctcaggtga 480
 tccaccacc tcggcctccc acagtgtctg gattacaagc atgagccacc gcgcccggcc 540
 tncctgttcc agttttctat aatctgttca tatttatattc tgggtatatg tgggtggtgt 600
 gattatccat gtgggtcttat tttcacattc tttgcattaa ctataatgtc ttaatgnttt 660
 aagataaagt ttcattctac aaagatgtat tgtaccaata acctgggtat tcagggtacc 720
 aatcttaaaa aaaacttant tcatttttaa aattaaacnt taaaatttnc caattccatt 780
 tnaacattaa n 791

<210> 4552
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 4552
tcnttcagtt attcgttcag ctcccttgntc tttttgcagg atccctcgat tcgctcagct 60
cttccggagg ctgaggcagg agaatcgctt gaacccagga ggcagagggt gcagtgagcc 120
gagggtgcgc cactgcactc cagcctgggt gaccgagtaa gactgtctca aaaaaaaaaa 180
aaaaagaaaa gaaattgtcc tttgggtgcc ttagttccag agttgaatga atgtacacat 240
tcngtagtgg ggggggcaga ccggataccc ctcccttgctc tgggtccctt gaaaaaggac 300
ctccaccttt caaaggctact taaagccatc ttttacagat tgcttgtaat gtaagggaaa 360
agaagtcatg gtnctttggg attggattgg agggnaaaat catcaaccac tagccccctt 420
ttcaaaatca gcgaagatat ttngatgatt aagtgtattca ttgggtatgt tctggctact 480
gatgttactg aaatctgcaa tcngtatatgn tttttaatta gttgcttttg tatttgaatt 540
tatgacattt cgaagtttct gngcttaact ctttttaatt aattttctgc acgtngcttt 600
tttctctttg gttttaattc catacagagt attcaattct tgaaaacaca ttaaaaaataa 660
tttgcttgca aaaaaaaaaa aaaaaaaaaa ctcgaacctt tanaactata gtgagtcgtn 720
ttaccgtana tccagaccn tngtaaaatt aaaaaaaaaa t 761

<210> 4553
<211> 1281
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1281)
<223> n = A,T,C or G

<400> 4553
atTTTTTaaa ntttnggggn naaaaatttt ttcttttttt tgggtccnaa anattctttc 60
cggncatttg gcccccttgg gcccagggg nttncggga aaccttcnt tnaggnnnng 120
ggggaaatcc cccccgggg ggnggtttta cccnggaaa ggcctnccg gnaaaaattt 180
tccgaccccc nttaatnaag nttntttttt tcnnttttnn tttacaaaa tttccnact 240
tggggncccg gtcccggttt ttttaaacna aaacggnctc gggnggaact tgggggaaaa 300
aaacccctn gggnggttta ccccaactt taaaatnggn ccttnggcaa gcaacaattc 360
cccttttcng ccagcttggg cggtaaaaaa cgaaaaaggc ccgnanccga atcgcttttc 420
caaacagtgg ccaancctng aatggggaan ggnccccccc tgtaccngna ccataanccg 480
nccgggggtg tgggggtaac ccccaaccgt gaacngttaa nntggcaagc ggcctangg 540
cccgctcctt tcngtttctt tccctccttt tttcggaac gntanccggc nttccccnt 600
caagnattta aatcgggggc tccttttang gggtcngaatt taagtggctt taacnggcaa 660
cctcgaaccc caaaaaactt ggatttang gnggaatggg gttcaacggg aantgggggc 720
caatcggncc cttggaataa gaacgggggt ttttnggcc ccttttgga cggnttngg 780
gaaagtnccc aacgggtaac ctttttaaaa taaagtnggg gaaccttctt ttgggttttc 840
ccaaaaacct tgggnaaacc naaaccaacn tttnaaanc cctttaatcn tttggggggg 900
ccttaatttc ntttttggg naaatttttn aaatnaaaaa gggggggaaa attttttgg 960
gnccecgnaa aatttttccn ggggnccctt naaatttggg gggggtttta aaaaaaaa 1020
aaatgggnaa agnccttggg aaantttttt aaaaaccnaa aaaaaaaa atnttgaaa 1080
aacgggcccc ggaaaaantt ttttttnaaa aaccccaaaa aaaaaattng gtttttnaaa 1140
accgggccc tttttaaaac naaattttt tttccccctn gggaaanggn cccngggggg 1200

aaaaattttt tttttnnatt tcncccccntt ttttnaaaaa aaaaaaaggg ggggggnccc 1260
 cccccanaaa aaantttttt t 1281

<210> 4554
 <211> 916
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(916)
 <223> n = A,T,C or G

<400> 4554
 tttgaaanca tcanctctng ttctttntgc aggatcccat cgattcgcag aaagggaaaa 60
 tatgaagtgc gtgctgggggt ttgctatcgt atccacaggc atcacggcag tgctgctcgc 120
 cttgattttt gttctcagaa agagaataaaa attgacagtt ganctttnc aatcacaaat 180
 aaagccatca gcagggtcc ctnnctgctg taccaccccn gngaaaattn gccaccctaa 240
 ttttnttctg gntccttttg nnggntgncn gctgaccctg ggaactgaag ganctgcca 300
 tnttatgnan ggcgnccaaag tgggaatata acccctttnc ggcattcggg ccatgtggcc 360
 gtacnnttaa tttggcctca atctggacta gngaaattat ccttggcgng ccaacaaaat 420
 gactataact tggggcagtn ggtnccttgg tcntttcaac canaagtnaa aaattaatcc 480
 tccggaatca atcccatcct tttccgggct ctcttccaat tcttntttct ttntaaccat 540
 caaaggggaa ccatttgttg aaaangggnc aatttttnaa ncctcttggg gggggaggga 600
 tttccgaaga aatcaattgg gcaatggtta ccattgccna aaaacgcan cttggnaaaa 660
 gnaaaciaaag caattggntg gccantttgn tccccaaagg taacccttgg ttttccccga 720
 atggcctggc cttaccttgg nttgggattt cttnggggng gtcccttgg aacccaaaaa 780
 aaacccctng ggnttcccaa tttnttnnaa acccccgna aattggcccn ttntttaccc 840
 tttacaaaaa cctnggggtt ttttttnnaa aatggggggg gggggaaaaa ccccccaaa 900
 aaaggggna aaant 916

<210> 4555
 <211> 791
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4555
 gngtctccct ttntttgaca tcnnttggct ctcgctcttt ttgcaggatc ccatcgattc 60
 gaattcggca cgagacctga gctaggggtg cagcagaaat tgagttgcag cttgcccttg 120
 tccagacctt ttttctgctt gcgtttttga aacaggagggt gcacgtacca cccaattatc 180
 tatggcagca tgcattgata ggccgaacta ttatcagctc tgatgtttca gagagaagac 240
 ctcagaaacc gaaagaaaac caccacctc ctattgtgtc tgaagtttca cgtgtgttta 300
 tgaaatctaa tgggaaatgg atcacacgat ttctttaagg gaattaaaaa aaataaaaga 360
 attacggctt ttacagcaac aatacgatta tcttatagga aaaaaaaaat cattgtaaag 420
 tatcaagaca atacagagtaa atgaaaaggc tgtaaagta gatgacatca tgtgttagcc 480
 tgttctaat cccctagaat tgtaattgtg gggatataaa ttanttttta ttattctctt 540
 aaaaatcaaa gatgatctct atcactttgc cacctgtttg atgtgcantg gaaactgggt 600
 aagccagttg ttcatacttc gtttacaat tattaagata ncttntttan ggatannttt 660
 ggtaccatat ttgtgaaaat tttttgnaaa atgccttgnt aatgnggntt ttnnaccnnc 720
 cnaagttatt ttgtttgcaa aacttnaatg gnccattttc cctttaanaa tnggtttnc 780
 cntatnttn t 791

<210> 4556
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4556

ttntcnnaac	cttcaactcc	cgtgctnatg	caagateccca	tcenattcga	annnggcacg	60
aganacnctt	aantatacgc	tacggtntgt	gtgtgggtgt	nnatacnac	catgttactt	120
aatcnctttg	gtaccnnttn	cnttttgntg	gatccaaant	gnaaaccgat	gtntgntacc	180
ngnccnnatg	gtnttaacac	tttttaaaant	gananaacatt	ggatcttaaa	accctaagct	240
attgcacanc	ngcatttcac	nnccgacgaa	gcccgggtatc	ccctanacgn	tgggggcactt	300
tccntaaatt	gaagntgnca	atnntatgcc	ggnntcnaga	tataangtgc	acnccccaaa	360
acgctttcng	ncttgtaaac	tcaacngcat	agttangcnn	gnncntgncc	gcncacatg	420
gtgaaacatt	ttncctnacc	aagantaaat	gnccanggtg	cntnttaggn	acacttactt	480
tctccggnac	atccaattaa	cgntatttgc	ccgntgctgt	gcctgggnag	tttttatttt	540
atttatttgg	ggttgnaaaa	gcagnancag	agggagctca	atctngtttg	aaaccnacgn	600
agtgcctncca	ttgatacgt	natnaatnaa	ccgccnggng	gnntttttct	tttttttggn	660
cctggaaaat	gctgatnccc	tttgacaana	aaggnananc	ccccctagcc	nactaanngt	720
cnccccattn	tttngggaaa	naagggggat	aaanaacttc	ccccccnngg	ngggggagct	779

<210> 4557
 <211> 1259
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1259)
 <223> n = A,T,C or G

<400> 4557

tttggaaagc	cccttggca	gggtgcacca	netgntgnac	acccgaaggc	ncntcccagt	60
ttgggttann	ggacnccng	ggngggcngn	aagggggaga	gcnaaacggg	gganagngtn	120
ttntttgngn	ggcaggagca	gggaanaggg	gggggggggn	atnangngcg	gncnaaccgg	180
ggaggaggng	gggggnngca	ggncgnacga	cngacganag	ngggcnanna	gnnnnggcn	240
gcagnnagg	gangnggatn	agnggnncgg	ncgtgnnnng	gagnggacgc	gngcngantg	300
gacgatggag	gccnnagncc	agaggcngnn	gnnagnnagg	ggnnatgang	cgcgacgann	360
gagcacnggn	gcnnaggcng	cgngcccgna	ngngcgggga	gaagcggngn	gagacnnnag	420
gcggnnccan	gngannngng	gaaacagngg	nnngnnagagn	gcgggnancg	gatgnnnccg	480
nnngannngg	nanggggnca	ggcgnnnagn	nnagcagagg	ngnnngnagn	gnaggaggga	540
nnaagcgcgg	ngggncaaag	acngggacga	ngatntagng	ngggggagga	ggganncgcg	600
nnacggnnac	gngtncgagn	aaaangacga	gggntngngc	ngtngggagc	ggcgagggnc	660
naataggaga	angggntaa	ggngngcaga	cnncnanngn	naggnnanga	cnaancagng	720
ngtgnatg	gcagangnnc	gncangnggg	ncgggggcan	cagagacgcg	atgagnggnn	780
anagancggn	gacagggggg	ggangcaaac	gcggngnagc	annccagncg	ngnnnggggn	840
antngngnnc	nggtnaggag	ngannganng	nngcatgagn	ataggnnnnga	ganagnang	900
nnngggggaa	agggaccnta	acnnngngnn	gngcngnncn	acngggcngn	ggggganccc	960
anggnnnncn	ggagncaagg	nnngnncngna	ncngggggng	cnagntnggg	ngggngtngn	1020
nngcgatnag	ggnnccggccc	ggngnccggn	gcngnatcng	aacggacagg	cgcngnanna	1080
ggngggcgcn	agangngntg	gagngncacn	gcggngggna	ncngngngnn	angatggcga	1140
ggggacgggt	cgcgggnctg	acgganagag	gcngcnacgn	nngaggcgtg	aaagaantgn	1200

nggncgngggg acnnncnanga gcaanggcag gagggcncgg cgngcggnng cngngggccg 1259

<210> 4558
 <211> 807
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(807)
 <223> n = A,T,C or G

<400> 4558
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 aaagagatct gacctaacca acttntntctt gccttaactt ccaaactgcc ctttagtcatt 120
 gatggggcat gggccaacnn cnatngggan anatcttnt tcntcntgna atnatactcc 180
 cctttccaaa actaaatgtc cttgangnna taacggaang cctcccatng ggtgnacaac 240
 cgggncggna antgggctcn cncgtgtgca tagcanaang ntccccggnc gtngtggtgn 300
 acgntcnann tatccgcnan actcgccatt gcncctagcgn cnncnacttt ctttttatnn 360
 nctaacattn tccttncggg aangcggttt tnccggcgtt aagctnttaa ggatggangg 420
 ggttnggttt ccggnctnna cncataaaaa ctctnttaac tncaacacng tncnccgtng 480
 ggacccctc ccantaaagn ggggactgnt tcacagnan ggaccctttt tttncnncn 540
 ncctaatnga ttttncccc accttaatac agttaggaac cccttttctt tattccatac 600
 aagaactttt ttttaaaaaa acttggganc ctcttatcta cgccttgggn gggtcacatc 660
 ttgtnaatcc ccaacatttn ggggaggcta nngncgggaa atatncctta agcttcaaga 720
 gttcaagacc agcctgggga aacacttgga aaccgcttct ntcnctttac aatttcctga 780
 tgccgggatt tttcttttng cccttct 807

<210> 4559
 <211> 1070
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1070)
 <223> n = A,T,C or G

<400> 4559
 tatctatent cnnccatacaa gctacttgca ngatccctcn attcgttgaa actgaaagcc 60
 aacttgaaaa tggaggatag gcttataatt cagctgtgct gaactgtaag tgattaaata 120
 ctgtttcatc acatatacac atatatatac ttatgtgggt atataggtcc tggctcatt 180
 gacttaagga ttttaagtgg tggatttggc catatnctgt gggggggaaa gctnagaacc 240
 tcaatanntc taatnaaata ggtggctatc atcngttcat ttaactcaag ccagaaaaca 300
 ccaaagaagt caccctcaat ttcttccgc anccccacaa tttnaatcta atcggccatt 360
 ttctttaaca nggttcccat ttttcccaaa aaatatnaac caatggaggt cccatcctaa 420
 tttntgggn ttcttaacaa gtccantcaa cccntaagg cnttaaagnc caccttacct 480
 ttcaagttag gcccctcttn cccaatttaa gggcctttaa gtttcaactt tcccaagccc 540
 cccttccctt tccnaagtng gttggnantt cnacnaccaa gatncccttg gccaaaggggt 600
 aaggttocaa ttttangaaa aaaccaatta nacctttnaa gggccccctt ggggtccaaat 660
 ttggccttct tggcctttna aaaaaaattt ttgggtgggg gngggggcnt tttcccccaa 720
 ttccaattgg ccttttaang aaaaatnaaa aaaaatccct nggccttttt tcnntanttt 780
 attttttaaa aaanccaat tgggggcttt tttgggggng ggcctttttt aaccaaccaa 840
 aantttttaa agttcccttc cccatttaat tccccctntt ttttcnttaa gccccctggn 900
 attccttgga aaaggggcca cccattttcc ccaaagggtt tttantngtn ggaacaaaaa 960
 aaaccaagcc aggtnggaaa accattgggg ggggggggtt anttgnaaaa cnccttacc 1020

cgggagggggg aaaanccccc aaaaaccccc ccnttttttt tttnngggccc

1070

<210> 4560
 <211> 1321
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1321)
 <223> n = A,T,C or G

<400> 4560
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 gcaactgcaca gcatttgcac tttgcagatg agtatcatct gggaaaatct gtctcaagat 120
 ctggccctcc caoggganta tggtggaagt aaccaagcct tgcccttaga ngatgcaacc 180
 aaaatatattt tgggtggatg ggggtggggg aaaaaattct tgccaaaaaa gaaaggggtg 240
 atccctggga aaccaattat ttcttcttcc aagggggaaa ggggaagcct ggctgggtg 300
 ttttttnggg aaatgggtgga aaaagaacca aaaaacctta ttgaaaagc cattgggtg 360
 aatggaaaaa gggttcttca ggaaaaaaa cccattggaa aaantttcca agccccct 420
 tanttgaaaa aattccgcca nccttggggt taccanctt tggggggaaa aaaaattgga 480
 aaaagaaaaa ccttttnaaa ccttanccct atttaaaaaa aaaaatttag gnaangggg 540
 gaanccaagg ttncaaaaa aaaacnttt tccaaccaa gggggggggg ggggaaaaaa 600
 aattcccaaa aggttttttn aaaaaatttt nccaaanaaa ggccctttgg gggaantttt 660
 ttaaaggaaa ttgggaattg gncccccat ttttctctt aaagnaaagn aaaaaggntt 720
 ttttngggcc ttttttttcc tttncccna aaattgggccc ntctctttaa ntggcccc 780
 ctttttttcc tttgggttaa aaaaaaaacc cttggggggc caaaantttt tttggggggg 840
 gaaaaaggcc caatttccaa cnttggggg naattaaaaa aaatttttta aattttgggn 900
 aaaattcctt taanttttcc aaaggttccc aaaattttt ccttgggaa ggggcnttt 960
 tttnaaaaaa aaagnccttg ggggggaaaa ggaaaaaagg gttgnaaaa aaccttantt 1020
 cnttccaatt ggnaaaagaa aaagntttta nttgnccag aaaaaaaat tcngggggn 1080
 ggaaaacctt cntttttggc ctctcttaaa agggccncc cccgttantt aaaaancctt 1140
 tgggaggttt tccaaaacct ttccctctgg gaattnacc tcccttgaa ttttcttac 1200
 cctggggggn accaagnaaa aaaaaancc ccttgggnaa nggggncctt ttttncnna 1260
 attaaaaaac ccgnggggtc caaaatttcc ccntttttt ttaaaaacnc cccccccct 1320
 t 1321

<210> 4561
 <211> 1253
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1253)
 <223> n = A,T,C or G

<400> 4561
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 ccgtgtgtgt gtgtgtgtgc gcgcgcgcgg cgttctgann ctctgggtctt tgttccggac 120
 ccggnctccg ccgcagccag ccacatgtc gggngatcaa agaaagcaaa aaagacgggt 180
 atggctttcc aaggecgccc ggcttttccc ttccnccgc ccaaccnca acttgggnacc 240
 ggcnccctt taccenccn caaaccccc cccaaaatt tccccncc nggccaacc 300
 tttngggggg tccccccna acccccttt tcccccccg ggggttaaang ggggggggnc 360
 ccgtttccag gggggnaagg ggnaaaggg aaagcttaaa aaaaaaagt tttggggggg 420
 ggnccaaacc gggggaagg ggggggaaa agccccaaa ggcaaangaa aaaaaaggaa 480


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agggggccnt tcnttgggt ggggttggg gaaaaaattt tcccccccc gggggggngc 540
ccaaagattc cccenttttn ggcccccccc ccggcccaaa tgcccccccc cntttttttt 600
tccccaancc cccccccggg ccgggaaacn ttttttttgg gggggaaaaa ttnccttttg 660
ccggncntt tccccctttg ggggggnggg ttaccngccn ccggaccggc cccccccgg 720
ccggaaaaaa aagaaacccc ttttcccccc ggaaagnccn ttcnttttna aaaaggttng 780
gggggtttnc ccngggaaa ttcnttattt aaattcccca aagggnnaacc ccaaaggggg 840
gaaccaangg gnaaaaaaatt cccccccctt tttttntttt ttccccccaa aaanaaaacc 900
nttttttttt nccaaaaaac cccccggccc ctttttnttc cttttcctgg ttaangggg 960
tnccttncgg ggaaaaaccna aaaaattccg aaagnccctg aacnttcccc ccggttttcc 1020
ttggcccaaa aggttccttg ggggtaccccc ttggggggggg ntttttttgt ttntttnttn 1080
ggggnaaaaa cttttccctt tttggggaaa gtnggggggnc cnttttnaaa ttggaacccg 1140
ggaccttttt tcnttttttg naagggnaaa aaacttggcc aaanttttnt ttcaaaaaaa 1200
acccnaaaaa cctttggggg nnaaaaaaan gggggggggg aaaaaaaaa ana 1253

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<210> 4562

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4562

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ttcggcacga ggtgaccctt cctgcccttc ttgagcagct tgtganccan aagatgtgcc 120
tgagagaaaa gcctcatttg gggaaagtgc gnattcgaag ttctttatatt tgaaaatgga 180
naacaaccct tctnacaat cctgtctgcc cttccccctt tncaactaga atatcanntc 240
cncatgaacat gaagtnatnc acatttcatg gaaaactggn tgatgntnaa naaatcactt 300
ganggcaaac tttgtccttc angtgtggn tctctgaatn gtagagccng canatcctcc 360
antgtatgga ctgngcctta cttgcccat gaatgctttc tatacatnaa nacttggan 420
tctttacaga tgacantnnc cagtgnngaa gataaaaagan nagaaaagac cnaaantgcy 480
ggnttgccac tcttttttgc catcaccgtg gggactgcaa angccaatgt tggngctggc 540
aaaaagccga angantaaag gtgctgnant gatgttagct gtgnccactg nggatttttc 600
caanaacatt tntanctata aanttcaaag naaaanaaaa aaananactc gaggcctntt 660
aaaactatat tnagtcnttt tacctnatnc anacttgata anatacattg atgantttgg 720
gcaaaccac aactagaaat tttcccaana ggggggggna 760

```

<210> 4563

<211> 890

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(890)

<223> n = A,T,C or G

<400> 4563

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ctttttttt nggccanggg naatcccccc natnccggaa ttnccggaa aattttcccc 120
gtttgggcnt nggtccggca tatataaaaa ccagnngngag nccccnact atggannttn 180
tnccctngaa tataaaaaa acaatccggg ggggggaacg gaagnagcnt ggcaattngg 240
natcgtaata aaaatacgg antcttgaag cccattgga tggtcncaan gggtgggtgt 300
ggaagaacct tanttnagca agaatcccta aaanggggca canaacctt gnaaaggana 360

```

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aggangttnt ntttttcaaa aaaaaaccca nactttggat gggcaaactt tnaaataang 420
ggatgaacaa tgggccaggg cccacccctg ggcttaaatt ancaaaacnt tggcctntgn 480
aaagncccnng ttnccttggg gggttctctt ttccctttna ttnttggaac ccannacttg 540
atgtcnttnc aatcgnaact ggtttaatgg ccnattcctt acaaccgcna aaacttgggt 600
cctngaantg tantctgcng nnanaaaaaac ncctccnnan tgaantggcc anaaangtan 660
tgatcataca caaananaca ccttnaaatt ntaaccatga acgcgattat attatgnana 720
ganntcnttc ggnnganatt atgttnagga gccagantnc tcatgctnng aatagngacc 780
nacaaaacnt gntcgaggga cttattgana ttaatatgga agatacanng ttcntntacc 840
anganntggc cacanagaac aatcnatnga ccgaaaaatc cggggnggggn 890

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<210> 4564
<211> 791
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(791)
<223> n = A,T,C or G

```

```

<400> 4564
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atcccatcga ttgcccaatg gatgcaggna aaactgagat gggatttccc cacgttgccc 120
aggctgggtc cctgagctca aagcaatcca gattgctggg attacagctg tgagccaccg 180
tgccctggctg agatgacttt taaaaaaaaga cttctctaaa gtagaaggaa ggggtggaatt 240
gtatgcacaa gaagaaaaaa acctggaaga aaaacatact aaagaggctg gaggtgcaatg 300
gcgcgatctt ggctcaccgc aacctccgcc tcccggggtt aagtgattct cctgcctcag 360
cctcccagggt agctgggatt acaagcatgg gccaccacnc ctggctaatt ttgtattttt 420
agtagagacg gagtttctcc atgttggtca ggctggtctc gaactaccga cctcagggtga 480
tccaccaccc tcggcctccc acagtgctgg gattacaagc atgagccacc gcgccccggc 540
tncctgttcc agttttctat aatctgttca tattatattc tgggtatatg tgggtggtgt 600
gattatccat gtggtcttat ttccacattc ttgcatataa ctataatgtc ttaatgnttt 660
aagataaagt ttcatctctac aaagatgtat tgtaccaata acctgggtat tcaggttacc 720
aatcttaaaa aaaacttant tcatttttna aattaaacnt taaaatttnc caattccatt 780
tnaacattaa n 791

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```

<210> 4565
<211> 761
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

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```

<400> 4565
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cctggagtta tgcagctaat taaagggtcaa acgcataact ttaaagacgc cttttcagga 120
agagattcaa gtnttacgcg ggtgccactg gctttttatt atggaatgta tgcatatgct 180
ggctggnttt acctnaacta tgttactgaa gaagtagaaa acctgaaaa aaccattccc 240
cttgcnnatg gtatatccat ggccattgtc accattggct atgtgctgac aaatgtgggc 300
tactttacga ccattaatgc tgaggagctg ctgntttcaa atgcanntgg cagtgcactt 360
ttctgagcgg ctactgggaa atttctcatt agcagatccg atctttgttg ccctntcctg 420
cttgggctcc atnaacnggg gtgtgtgcng ctgtctccag gttattctat gttgccgtct 480
ctgagagggt naccttccan aaatnctctc catgattcat gtccgcaagc acactnctct 540

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acantggtn	tgtttgcacc	ctttgacaat	gataatgctc	ttntttggga	gacctcgaca	600
gtcttttnaa	tttactcaag	gttgccaggt	ggctttttat	tgggctggca	attgctgggc	660
ttgatttatc	ttngatncaa	atgccnanat	atgcatcggt	ccctttcaaa	gggtgcccctg	720
ttcatccac	ttttnttttg	ncttnntttt	tttnnnnnnn	t		761

<210> 4566

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4566

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caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttncccacgt	120
tgcccaggct	ggctcctga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgctt	ggctgagatg	acttttaaaa	aaagacttct	ctaaagtaga	aggaagggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	ataactaaaga	ggctggagtg	300
caatggcgcg	atcttggtc	accgcaacct	ccgcctcccg	ggttcaagt	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	cacgcctggc	taatttttga	420
tttttagtag	agacggagtt	tctccatgtt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttaactataa	tgtacttaat	660
ggttttaaga	taaagtccat	tctacaaaga	tgtatgtnc	atacctggtn	tcaggtaaca	720
atctttaaaa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

<210> 4567

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4567

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caggnatccc	atcgattcgc	caatggatgc	agggaaaact	gagatgggat	ttncccacgt	120
tgcccaggct	ggctcctga	gctcaaagca	atccagattg	ctgggattac	agctgtgagc	180
caccgtgctt	ggctgagatg	acttttaaaa	aaagacttct	ctaaagtaga	aggaagggtg	240
gaattgtatg	cacaagaaga	aaaaaacctg	gaagaaaaac	ataactaaaga	ggctggagtg	300
caatggcgcg	atcttggtc	accgcaacct	ccgcctcccg	ggttcaagt	attctcctgc	360
ctcagcctcc	caggtagctg	ggattacaag	catgggccac	cacgcctggc	taatttttga	420
tttttagtag	agacggagtt	tctccatgtt	ggtcaggctg	gtctcgaact	accgacctca	480
ggtgatccac	ccacctcggc	ctnccacagt	gctgggatta	caagcatgag	ccaccgcgcc	540
cggcctccct	gttcagtttt	ctataatctg	ntcatattat	attctgggta	tatgtgggtg	600
gtgtgattat	ccatgtgggc	ttattttcac	attctttgca	ttaactataa	tgtacttaat	660
ggttttaaga	taaagtccat	tctacaaaga	tgtatgtnc	atacctggtn	tcaggtaaca	720
atctttaaaa	aaaacttaat	tcatttttaa	aataaacatt	aaaattncca	ntccaattta	780
aacatnt						787

<210> 4568
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 4568

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ttcggcacga	ggaaggacaa	aaatatggct	atctgantag	atgcagaaga	ggcatttgac	120
aaaatctaaa	atattaagta	agaagatta	tattagtcca	ttctgacatt	actataaaga	180
actgtangag	agcagcccca	gtgcttatag	ataaaactcc	catctnccta	ggacagagca	240
cctgggggga	atggggcggt	ctgggtgcag	cttongcaga	cttaaagtgt	cctgcctgcc	300
agctcttgaa	gagagcagca	gatccccag	cacagcgctc	gagctctgct	aagggatgga	360
ctgcctcctc	aagtgggtcc	ctgacctcca	tgctcctga	ctgggagaca	cctcccagca	420
agggttgaca	gacacctcat	acangaagag	ctccgggtgg	catctgccan	gtgccccctc	480
gggacgaact	tccanangaa	ggaacangta	gcaatctttg	ctgttctgca	gcctccgctg	540
gtgataccta	ngcaaacagg	gtctggagt	gacctccagc	aaactagagc	agaccttcan	600
cagangggcc	tgactgttag	aaggaaaact	aatgaacaga	aaggaatagc	atcaacatca	660
acaaaaagga	tgtccaccaa	gagaccccat	cctaaggtca	cccaacatca	aagaacaaag	720
atngagaaaa	tccncgaagt	ttgaaaaggg	ggaaaagggg	ga		762

<210> 4569
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4569

ttnnnttnna	ttcccttttt	gaactcggtt	ncttgttctc	tntgcaggat	cccatcgatt	60
cgttcgagt	caagctcccc	atctttcgaa	agtttccatg	gcaatacanc	taactgaaga	120
actaaaagcc	agtgatgtac	ttgccagggt	tctcagccaa	gaaagtgggg	ttgccagagc	180
tctcaagaaa	ggagaagttt	ttttgtatga	aattggagga	aatattgggg	aacgctgcct	240
tgatgatgac	acttacatga	aggatttata	tcagcttaac	ccaaatgctg	agtgggttat	300
aaagtcaaag	ccattgtaga	agacttaaca	agctgcagat	aacctgtgg	acttctgtca	360
taattcttgc	tgagtcaaga	gtgtaaataa	aagaaatggc	aggactcata	ttattcantt	420
gtacccaagt	atttaaaaa	gactctctta	agccttaaaa	agtcatagat	ntgtgctgct	480
gccagaatta	tattaattat	tattaatggt	attattagaa	aaaaaatttc	tggagtgaga	540
agtaaaaagg	cttaattagg	ttgtgggcca	ntttcatatg	ctctggtgaa	atgtgtccca	600
natgtnacat	agtttttttt	ttaatatgtg	gaaatgtctt	ctcttcccat	tcntttctcc	660
ctaaaaatcn	tatattnctg	gaaatataat	gcctcttttt	aanctcttnt	taccttnnta	720
acattttacc	ccttttccca	gttanggnnt	gcttttttgn	ccaaaaagna	tanccaaatt	780
ccnnc						785

<210> 4570
 <211> 986
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (986)
 <223> n = A,T,C or G

<400> 4570
 ccgnnntttt tngnnntttt ttgcaanttn ttggaaaaan cccctttttt taccaaaanan 60
 cctcnccttt gggtttgctt tttttttngn ccaggggnaa tcccccccat gccggnattt 120
 accgnaaat ttncggggg cccaccggaa ggggnnaaaa tggggggccc caaaaaagnt 180
 ttnattttaa attttggggg tccntttttc caaagnaatn tttttttttc cnattttaatn 240
 gggggggacca aagggaaaaa acctggcacc cccnaccgga aaatttttat tnaaaaaaaa 300
 tcccccatgg gttgggggaa aaaaaggga atttggaatc ccccanaaaa tccaaatggt 360
 taacctttcc aaanaaaaa atgggtaaga aaaaactttt attaaaaggg aagnaannat 420
 ggnggcttta ttcttcttcg gatggaaaac tccantatth ttgggtggta nactctatth 480
 aaacaatttc ggtcataaac acaaagacaa accatggggg caaaatgtgt ccttttgcttn 540
 taaattctgc ctccatttac ttgaatgacc tcagtgttta ggcagtggcc tgtgttttag 600
 acctggtgat gacagctccc ctccactang agctgagcac cccggccatc ttggtgacca 660
 cagaaccaag gncacaggct tcanctggta cggcctgggg caggggagaa aattgtgctt 720
 gcattcccaa gtctgtccca cctnctgggt aaggctgtgc gggcctgggt ctgtccttgg 780
 agccaccag atcctcagac aaagaatcta gacggngttg ccaatttatt aacagcaaat 840
 aaccaattaa aatggagact attaaatact ttattttccc ncttanctna aaaancnaaa 900
 ntttcccccg ncnanngng gggcanacct tanagnncca cnaantnngg nngcngngng 960
 gnanggnnnn naaaaaaaat nntcct 986

<210> 4571
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (804)
 <223> n = A,T,C or G

<400> 4571
 ccgttnattt cgaantttgn aancccttta caanactact tgtgtgcttg ttgtggcagg 60
 gnaatcccat acggatttcg gggaaattca aaaaaaccca aagnttacc caggaaaatt 120
 aatgggtggt tttntcttta aagnggtana aaaattggga aggggaaacc tgggtgggaa 180
 aaaaaaaatt aaggaaaaag ggnggagggg ggggtaaaaa tccaattttc cnttaaaatc 240
 cttaaaattt aaccctttaa aagccattaa gnaatacctt ggggttaaaa taatcctttg 300
 ggggtattaat ggnttttttt cctgggggtct tttggttttt angctctggc tngnattggt 360
 ttttaaccatc ctntatttag ctctctnaat gctgcctatg gttatatttc catgntenta 420
 tattntactn ccatgtaata tatattatnc atattaccta tattgaaang gaaatgctta 480
 tatattcatg tcaangtaat gntatcctct nctgntatga ttattatttg cctnaacatn 540
 ttgattgatt tatntaacc tggtctanat tgggaactac ttctctncta tagaccttaa 600
 nannaacatn gctttatcaa gattttatct agtgatattt taaatgattc tgctgtagg 660
 cttgccagac aaattagtgt ccaataatct aatgaatgtt gnaagtcag tnggattatg 720
 aattccatta ttttactaat ttacttgaaa aacatgattc aaaanattgt ttttgttgtt 780
 tgggttaaaa aaaaaatnta aacc 804

<210> 4572
 <211> 793
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4572
 gtgaatcctt ttcnaatngc ttggtacttc gctctttctg cangatccca tggattcgaa 60
 ttccggcacga gggcagctag agtcaggaaa atgacctca tatgetnttn atctttggtt 120
 cagttgtctg tcagggttga attaagaagc tactggttta tteccaattg ttgatgcctt 180
 taggtatggt ggaatctttt tttttgccta ggaggggcca gtngaaaatc tgtgactcaa 240
 gangcagtga acagaatact gntttctggg gaaaaattgg ttggctactt gatgttaatt 300
 atggnacagt aacaggaaaa ggttgtgnt gtgtttttaa gtaatgtctt tattctgctt 360
 ttttgcctgc ataagagttt tctgaaattt atattttaaa cttttcatgc actttactgt 420
 ttctagtctc naaatgtgat atttttnaat aacaagaaat ttccattat gngaataaaa 480
 ttttaaaaga caatagccta tttttgtgtc tcactaatat ataaagtata ggtcaaattt 540
 naattattta attagtttta aatatctcaa ttgtctnct ctttcaaacc tgacatnttc 600
 ngctggtttn ttaagtccta aaatgatgca ttttaccttt nggncaattt caattgccta 660
 antttcnntn ccatangtna aattaaannc anggcttatt attaangggg aatnattttc 720
 cccannagg ggtaaatttt taatgggnga ncaaagngtn gntggggatt gangtctttt 780
 catnccangn ggg 793

<210> 4573
 <211> 756
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4573
 annatcnctt ttnattcnat cagctacttg ttcttttttgc aggatcccat cgattcgaaat 60
 tcggcacgag gtattcttct tctactggag aagggtaccga aaaagaattt gatcctctga 120
 ttgcctaggg ttttgagaca tgagaaataa tgtctttgat ctgggttttga gaaattattg 180
 catattttat tttaagtgtc tgctgcctct gcctttcccc ttttgcctct caaatatata 240
 aagtaagtag cctgcctaca ggaggactgt taaaaatcat atcactagat taaatagaat 300
 taaaaaagan acaggaagat tgaagatgta gnttaatata tgtatcatta ataatagaat 360
 aaatacaaga acataatggg tgagaaattt atttcttaat aaaaatttct gagactagac 420
 ctttcaacat ttagttatac atactttaat aaaaatctat catagtaaatt ttataatttt 480
 tgggttagta tgtgaataat ccttctgcgc attattggcc tgttataaat ctttcaatga 540
 attgtgggtt ggagttaaat tcatattgtg ctgaatttac aaaatttaac agtttgctnt 600
 aaacgtttta aaaattntct aacttagcac caaatcccc catacctttg tgtgtgtgtg 660
 tgtgtgtgtg tgtgtgtatg cctgtggana aaaagtccng agatcttatt tctcatttaa 720
 aaaangttag caaaaaaaaaa aaattttttt ttttnc 756

<210> 4574
 <211> 801
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4574

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atatnctna taancctttc aactacttgt tctttttgca ggatcccatc gattcgcaag      60
agcaaggggtg gaggggggaca gattgtntng tccnttaaat gtgtgttgac acacatgggc      120
ttcgggttag ctggcctgac atggagatag antgccaatg ttcccaagcc cacagaatta      180
tggaggcctc accncagta ttcacagctc tcaactggcc tttnanaatg gaaacctttt      240
ctgccntgga tatggcgctt cttctgggag aggagcanag ccacagagag gtaggaagtt      300
gaggcatagc aaaggggaang cttcaganct taagcccngn tcatctcata tgtgttttct      360
angcctgnng ctgaaangaa gaggagtggg gcancctggg acggnaactg cctctntggg      420
ctccccactc ccatggaggg gctncataa ctttgcctct gggctgnatc ttganaagng      480
ggcanggtct tcccaccant ggcanggtgt gcagttgttg tcccaagcct tggagggaat      540
ggggaatggg ctggcaccct gctcaaggaa agcanaagca cacangtgcc ccaacagggg      600
ancttcattg ccccccaatan ttttaaaaaa ngcaacccat cacttaaggc ttgggtgccc      660
ttttcggnaa aaactaccaa acttgggaanc cctcccggc ttttaangccc aacnaatttt      720
nccctggggg acnttccctt gggaccccc aagggnnttc ctttaaccag gccaaaaaaa      780
aaaaaaaaa ncccnccccc n                                             801

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<210> 4575

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(895)

<223> n = A,T,C or G

<400> 4575

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cnttnttcna nttatccttc aactcttgtt cttttttgcag gatcccatcg attcgagag      60
gctgaggttg gaggatctct tgagcccagg aggttgaggc tgcaatgagt tgtgattgca      120
ccagngtact ctancctaga cancagagga ataacctgtt tcnacagata angannttca      180
tcanttanann ntnataanaa ttctntcagt gncnngaang nngacacngg anctccctna      240
ncangangga catnncncca nggccatntt acgnntcang tgccatacat aaagnnatg      300
ntggnttgag nttacnacca cactacngaa anatttgca nnanncttat gnnnnatnct      360
ttaatntntt ccatgtnttg cttccacgca ttcagnnat nggtgtgggtc tnttaaagtgn      420
ctgnctnatt tcttactcaa anggattacn ctanatncaa caattntttg aaatggggng      480
cttaatcgat tttaatgnga ggnnatTTTT cctnatgggtc ttgganggcc acctggnttc      540
cttaaagtgg ctttttgatn nttttaaatt ccaaanttag gcccnttttt aaaataaggt      600
cccaatggna aaaaantttc ctttnnaactt ttaaacgtn nccttaattt ttcttaaagc      660
ccccctnaat ttnttcaccc cngaagggga anggnaaaat ttggggngng cccatttttt      720
attttngggg aaacctggcc aagngggatt taanatcggtt ggggaatccc ccnccttttt      780
gggaccctgg agccaatttt ggcntttaac cnaaggtnntt tatccgcccc acttttctcc      840
aaaaanntta cccccacca ngntttccca aancctgggg gttttttttt tntnn          895

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<210> 4576

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4576

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tactnnttat tctntaacc tttgtctttt tgcaggatcc ctcgattcgn tnatgtatna      60
actantenna tatgtttntt ancatnctta ntatccttgc nngcattatg nggattcagg      120
gtcaacttnt cagactgnga gctgagagt tntctcttaa gaggtccac accttntttg      180

```

tctnttagat	cgngggccaaa	ntgagatgaa	aactaactct	tgagaaanaa	aaaccancat	240
gcnttaactg	atacacctg	ttgncttgtt	catncacagn	nnatncagcg	antaccaaca	300
tccacgntat	gaaatgncnc	cctangtntc	ttattctagc	aactgccngg	caccacaacc	360
atggtaacnt	tggggagacn	naggtctttc	gcttanagga	tgacacgcca	agtttaacga	420
cgcagttcct	ctggaaagat	gacntgtgaa	taacagaccn	caagggttgc	ctctcgaccc	480
agcctgttca	ngantcacia	gctctttaat	gtcatgtaac	nttccatate	atnttngagn	540
ggnnccctgtg	ngncacaccc	tgtgaagngt	gtatatgcnt	cctncagtg	tgngtgctta	600
attcttctgc	attnaaatgt	cctgaccatc	ttgaaaacat	cantganana	ntcctgtgca	660
tgannggatn	ctaagggcta	tntatgatgc	ntttttaaac	tcaatgggng	tttnncaaa	719

<210> 4577

<211> 726

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(726)

<223> n = A,T,C or G

<400> 4577

gagcccagaa	tgaacatg	gnccccccaa	gttatcntgt	gatcccaggg	tttcaagata	60
gacttttgag	tttttcacag	tctgtcttan	ctcagcanga	taacttggga	cttcagaaac	120
agttggatct	acaaagagaa	gttctgcatt	atagccagaa	agcccaggaa	aaattgcttg	180
tacagagaca	aacagcattg	cagcagcaga	tacagaaaca	tgaagagact	ttgaaggatt	240
tctttaaaga	cagtcagata	agtaagccca	cagttgaaaa	tgatttaaaa	accanaaga	300
tggggcagct	canagactgg	tttcttaata	cacaagacct	agcnggaaat	gatcaagaaa	360
atattaggca	tgcanaatag	aacaactctg	atgataatca	ttnggnttca	gaagatacta	420
gtgccangct	aagttggtga	gcctctggga	gaaagatctg	gggagaagat	cctncaaagc	480
cacctgtagc	aaaagtcaaa	tgtggtttgg	accttaaaaac	ccngcattga	acttaagtgc	540
ttttccaagg	aagttanaag	ttncacagcan	attnggcagg	aactttctat	accttaggtt	600
aaaccaggg	tattttntgg	aagaacnnag	tcccccttgn	naagtcttca	atttatatccc	660
cagtaaccaa	nggtttnttt	tngngaaccc	cantggcccc	ttgatcccg	ttcaaantgg	720
cttttc						726

<210> 4578

<211> 1071

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1071)

<223> n = A,T,C or G

<400> 4578

tttttntaaan	aattncccaa	tnnttttttg	tnaaaatttt	tccnccnaan	ttttccaagn	60
aacccttaac	cttttgggtt	tttgcccttt	ttttttgggn	cnaaggggnn	aatccccccc	120
aattccccggg	aatttttccc	ggccnttcc	tgggtttggg	gggnaaggna	atttgggggg	180
gggnaagggg	gggggggggg	ccccctta	gggcnnttt	tcaaattggg	cccttttttn	240
ctttgggtta	aagnttgggc	ccaaaaaaac	cccccccttt	aaaaaccccc	attgggttgg	300
cccccaagcc	caaccttaaa	gcctttaagg	tngggaagga	atccttaaac	aaaggaatcc	360
aatccggncc	cttccggccc	cttcaatttt	aaagtcaaaa	anggcnttca	aacctttctt	420
ggctttccac	aaangtcaat	cttttttttg	ttcacttctt	ctggtnaaaa	taaatcaaac	480
tcacgccctc	aaagtctctg	ttgtgggaag	tttgaggggtg	acaaatattt	caacaagaaa	540
tttgatgccc	atatgggaaa	atcccaagct	agctttttgt	ancaagttnc	aaaaatcaaa	600

tattttcaaaa	cagaatgaga	agcttactat	cgtggtggga	agtacaaggc	tttgggtgta	660
aacaatcctg	agatggaatt	tcattctcttc	ctaaattaga	agctgcanaa	gacctagtca	720
aagtctgaac	ccttatgagc	tttcggtttcc	tcagctgtaa	gtggaactaa	taacactgaa	780
tttgatgaag	ttggttatga	aggattaaat	tggacaaaat	gggaagtgtg	tagcatctat	840
ggcacataga	tgtaaaatta	aataaagaat	gggacanggt	gctattnaaa	aatattttacc	900
ttggcccggg	gtggcaatgg	gcntcatgcc	tgtaaatccc	aaaccagttt	tggggaangg	960
cccaaaggcn	gggtgggaat	caacnttgag	gggcccagg	naagttcaaa	gaaccagctt	1020
tgggnccacc	cattgggntg	gaaaaccttc	aaaattcccc	ttttccctt	n	1071

<210> 4579

<211> 1052

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1052)

<223> n = A,T,C or G

<400> 4579

tnntcatcag	ctcttggttt	atgcggaccc	tcgattcgaa	ttcggcacga	ggctttatgt	60
atcattaaat	ttttctcata	gttcagaaaa	aatgtgccaa	agggaaaacta	ttggctcctc	120
cttcaaaaac	agtcttaatt	aactttcatt	atttanccgg	attaaaacta	nccagaagca	180
gggntcangg	ggaaaattaa	aatggatatn	ggacccctaa	attgtatcat	tctgagttga	240
ttgngtgggt	tattcattct	ggaaacatgt	tgatacttac	agtcaaccac	tgntttttga	300
taagtgatat	tgattaaggt	tgaatcttct	ttgtaaataa	gtatttacct	agttagcaaa	360
agtctgtgtt	ttcaagaatt	accagtggagc	accaagaggg	tgttcattaa	aaatggggga	420
aattgaagtn	ccactttccg	gnnaagaaaag	ttggcttttaa	aaccttggac	cacttgggtt	480
ggaacaattt	ttgggggect	tgggaatnaa	aaaaccccc	tggttggggg	gggggggggt	540
ccttggttgg	ccttgntggc	canttttggc	caagggnaat	tggggttgna	aagnccaaan	600
cccggttncc	ccntttcntt	cnaattgggt	ggnaaccaaa	cccccccaac	caaagggttt	660
antttgcccc	ccgggggaaa	gggttttggc	ccccaaggaa	attgncccc	cccttttaaa	720
gggggggggna	accaaagaaa	agttccaaaa	accccccccc	cnaaaccttg	gaaaggggga	780
ccccacctt	gggttncccn	ttaaccaagg	naaagntcca	aggggaaaaa	aataatttgg	840
gtaanggggg	aaggaaaaaa	aaaaaantta	aaccacaacc	aacccaaagg	ggcccttggg	900
gggttaaatg	ggtttaaaat	taggnatgga	naaattantt	gggaaatant	ggtattantt	960
naaatgggtt	taaaaaaatt	ggtacccttt	gaatcaaaag	gtaccttttt	ttattaaaaa	1020
nttggnccct	ttttttanng	gnaaannttt	tt			1052

<210> 4580

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4580

ttaatanatc	cttgatttgg	cngatccatc	gattcggggc	aaaatcgaaa	tcaagttatc	60
cgatattcca	gaaggcaaga	acatggcttt	caaattggaga	ggcaaaccct	tgtttggtgc	120
tcatagaacc	cagaaggaaa	ttgagcagga	agctgcagtt	gaattatcac	agttgagggg	180
cccacagcat	gatctagatc	gagtaaagaa	acctatcang	ataaccatt	caggtttctt	240
tactcgatct	agatcatgta	aagaaacctg	aatgggttat	cctgataggt	gtttgcactc	300
atcttggtcg	tgtaccatt	gcaaatgcag	gagattttgg	tggttattac	tgcccttgcc	360

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atgggtcaca ctatgatgca tctggcagga tcagattggg tectgetect ctcaacettg 420
aagtcceccac gtatgagttc accagtgcag atatgggtgat tgttggttaa gagacttgga 480
ctcaagtent aggtctcttt cagtctttat gtcacctnag gagacttatt tgagangaac 540
cttctgtact tgaagttgat ttganatatg taagaattga tgatgtattt gcaancatta 600
atgtgaataa attgaattta atggntgaat actttcaggc attcacttaa taaagacact 660
ggttaaccac tgntatgctc aatcataccc nctaaaagggt acaaatggcc tttttaccta 720
atnctaattn aaaaattncc ngactggngg taaaaaaaaa a 761

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<210> 4581
<211> 780
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

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<400> 4581
nttnnnnant acnatnncan gcctntgtac tgcgangatc ccatcgattc gaattcggca 60
cgaggnaaag ccatctttgc attgatcctc atccgccttt ttgctcgccg cagccgcctn 120
cgncgcgcgc cttctnccgc gccgcggact ccggcagctt tatcgccaga gtccctgaac 180
tctcgctttc tttttaatcc cctgcacggg atcacccggc tgccccacca tgtcagacgc 240
agccgtagac accagctccg aaatcaccac caangactta aaggagaana aggaagttgt 300
ggaagaggca gaaaatggaa nagacgcccc tgctaacggg aatgctaatt aggaaaatgg 360
ggagcaggac gctgacaatn acgtagacga agaanaggaa ganggtgggg angaaganga 420
ggaggaanaa gaaggtgatg gtgaggaaga ggatgggatg gaagatgatg aagctgagnc 480
agctaccggc aagccggcng ctgaagatga tgaggatgac gatgtcgata ccaataanca 540
gacnaccgac naggatgact agacagcntn naacgaaaag ntaactaaa aaaaaaagcc 600
gcttnaccta tncacctnc actgcogtct canaatctaa accttggnc cctttnaata 660
anaaaaggcc cgnccggnca acngtggggc antgccaccc cgaagatgan acncgctttt 720
caacacccaa cccaaacctt gaggaatttg gaacaagggg atggaaaaaa gaaccnnnt 780

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<210> 4582
<211> 756
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(756)
<223> n = A,T,C or G

```

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<400> 4582
aanaatectn cctcccgttt nnattentat acaagctact tgttcttttt gcaggatccc 60
atcgattcga attcggcacg aggccttgag ggaattanac agattttctg ttttgaatag 120
ccaacacatg tttgaagtac tagctgccat gaatcaccca tctcttatac tctgggatga 180
atgcagtaag gnggtcctag ataatatcca tgggtgtcct ttaagaataa tgatcaacat 240
attgcagtcc tgcaaagacc tccagtacca taatttggat ctcttcaagg gacttgcaga 300
ttatgtggct gcaactttcg acatctggaa gttcagaaaa gttcttttta tctcattttt 360
atttgaanaa cttggctttc gacctgttgg tttaatggac ctgtttatga agagaatagt 420
agaggatcct gaatccctaa acatgaaaaa cattctatct attcttcata ctactcttc 480
tctcaatcat gtctacaaat gccagaacaa agaacagttc gtggaagtta tggctagtgc 540
tctgaactgt tatcttcaca ctatttcttc tgaanaactta ttggatgcag tatattcatt 600
ttgcttgatg aattactttc cctggetnct tttaatcagc ttctgcaaaa agacatcatc 660
agtgaactgc tgacatcaga tgacatgaag aatgcttnca agctgcactt tttggatact 720

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gtctaaaact tgatgatacc ttgggggnccc cctttt

756

<210> 4583
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 4583
 cttntttacat ctctctcggt ttattcgata ccttacttgg ttcttttttgc aggatcccat 60
 cgattcgaat tgggcacgag gagaacctaa caaatgaatg tgggtgggtta ggaagagaaa 120
 gaagtnnaga tgaaatttcc actctgctgg ggaaactagg tagatagatg atcatgaaga 180
 atctgaggaa gaggcagaagt cgtacaggta agaatgaatg cattcattaa tttattcagc 240
 aaaactgcct gaagaatacc atgtgcagca ctgcgggaca aaacagggct tgcattccca 300
 ggctgtntct ttgtgaggac aacangaagg aagttgagaa acacacaaga acaatgctaa 360
 gatggggaaa ctccatacgc tgcgggagca catacagaca aagtcagggt agggctcccg 420
 gagaaaagtga catttctagt gattcttcaa gtatgagata gtcattccacg caaagagatg 480
 gttagaaaagt gttttaagca aaacaacaaa atgtgcatag gtcagaggc ctatctgatt 540
 ttctatggca ngtggggtt tcatcggcag anaggatgggt cttantgaan gaagctttgt 600
 tggttttgtt ttctgtttgt ttgttttaaat ggtcatacaa agttttttatt ggctaccttg 660
 cttcaagaaa aactgggcca atgatgaggt gatcatttct attaatagtt tcattacngt 720
 cctgtgtcat tgggggttaac ccaaaaaaat t 751

<210> 4584
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4584
 aggancnntn aactcctgcc agtanagaan acaagctact ngnncttttt gcangatccc 60
 atcgattcga attcggaacg aggtttngcc ttgtnggcca gactagtttt gaattccctag 120
 cttcaagtga tccacctgcc tgcacctnac catectagat tgtaaacctt gaaattttct 180
 agagctgnet cccagtgacn ttaacttact gngtggatct gccttgcctgc cctnactttt 240
 catantctca ccccgncctc accacttctt tgncttcnnn tgnactggct tgtgtttaca 300
 acatnggatt aacagctgna aggtcagcaa tgaattccca aatangcatt cagcacctat 360
 tttcagccct tcttaatttt tctgngacat tctgaccttt ntaaagntct tttcttgnt 420
 ctgatgacct gagatatctt gattttccta cctcattggg atcctcaact ttcttctct 480
 ggcttttgcca tnttgntcct ntctcctcgt attcattggg ggncctatct gccctctggg 540
 aaagttcaac ananggtntc natacctact ccgcgnntnc aangggccgc ctaatgaata 600
 taaatgctcc anggcaccaa ancacaattc ntttacaatg caatccannc ccttctcctg 660
 acttttcttg gcaattntac taacctaaact cntggttggc ttcnaaaact ggntnaaaat 720
 ggaanctacc tgctacccca aantggggaa agggccc 757

<210> 4585
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4585

ttatccnnta	ccnaannaac	ccttgcaaan	ccgcgncng	ncggagacnc	tagaggacnc	60
ccngntaccn	anttnaatgg	gcacnatagg	gancctttna	ccgatgangt	gggcgccggt	120
ntacaccena	tntactgtga	ntatatngnn	ttgtnnncng	gnngcatcac	agcattctnn	180
tcnactattt	cggggccaaa	ntgagacgtg	gaactgannc	cctcttacta	caacacaact	240
tnnattcacn	ncatcnangt	cnntngccan	agnngagggn	gcatgaaaca	ctnatcnnan	300
gattnnnat	atganaccac	gcggtaangt	ttctgnngct	nngacnnnac	aggcnctcnt	360
tcaagtgtt	ncaccagcag	tngaagnng	gtgncccgcc	tnctccgggn	nggtgacnan	420
tccnncaatn	ngnacacggg	ttncctgtnn	ntacnaganc	actnacttca	tgccagaacc	480
ngcatnnang	nnntnatgnc	gactctgtnc	cttggtcacn	atgtactaan	ggcttntttt	540
acttgctggn	gnncctgtgg	aacaatagtc	ttnantntag	gggataccnt	tngtgnaaat	600
ancanccnat	cccananntg	aanentaacn	tntccgggcc	ttnannccan	tccgggttaa	660
tnagecggaat	ttgntggngg	cactntnncc	ccncacctag	ttncacacgag	ganctacccg	720
gggnttannc	ccaggccttt	cccagggtgt	aattncnaag	gggggcttnt	ggtaanncna	780
agggaggttt	tccaaaactt	cgatnngggg	ggngngaacc	cccn		825

<210> 4586
 <211> 1546
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1546)
 <223> n = A,T,C or G

<400> 4586

ttttnggggg	naatncanac	ggngggganaa	cancoccttt	ttttgggggg	anaaaanccc	60
cccgcnnatn	tntagecnca	gcancnncac	agtanngggg	nngagcacat	nnatncgagg	120
gagngnnntt	gantntnncn	cnctacgnag	ntacntnagn	acagngcacn	ntnagntttg	180
tgnnnccgnt	tttttttatg	ncataagccn	nccgngana	tacaatntgg	cgcagacggn	240
naggtgcggc	ggnnnanagt	gnccagnann	aggcgcnngg	gngcancagn	cgcagnannc	300
gccannncnc	cnctannag	nganancgna	tccggnccgn	nagaggcant	ngtcannccg	360
cgcgagnnnn	agnnnnnnnt	nnncgangcc	gacgaanana	gnnaggngnc	cnnnnnnnag	420
ngnngnagnc	anaaannnan	tnncncaaaa	naggnagnna	gagnttgnaa	tanntgcgcn	480
cnngtganta	ncnaagnnc	nacntccncg	gnncccggnn	ngancaggcn	ncagaaggng	540
ccnanncnt	nnataanana	ctncnnnnct	nacanaagg	acnnnnncng	cacnntgnga	600
gaagangccn	cngnnaggna	caccgggann	gnnnananaa	agnccgggag	cancacaacng	660
nantncacnt	cgncncgag	natgannngn	nnngcnnnat	ntcncnnncn	aacagcnntn	720
ncngactgaa	gngtcngnna	gccgataatn	gaacngcnc	ntactgcnag	ccgantgnnc	780
cccgcatnn	cgctanatnc	gtntnnange	gnntcagngc	gcnnnctcgn	ncgnactnnc	840
catcacgcgc	ntacantnat	naccgcgang	cgcgmangcg	ccangnnngg	canacacgac	900
ancgnggtnc	acncgcgnnn	gclanggannc	cgncncgatn	ganacgagag	ctacangagt	960
atagcgacgt	catancgnga	gnganatgac	gantgactnt	agngegnacn	ncnnnnngnc	1020
tncgacncga	cactntgagn	catcctngan	nnngnnagcg	antcntcgtg	anacanacgc	1080
gcnantncnc	acngagagann	aganggcang	cacgcnatcg	ncgcagctac	gancgnggat	1140
gagnnntngg	angcgacgcn	cgcntgcagc	gcangngacg	gnctngntgn	gcgtngtgcn	1200
cnantangaa	ncncagcgtt	anancnggat	gaaggannta	tagacagnac	cnactggcga	1260
cnaagcaaag	cangatagac	tgtgacgcac	gacagacggt	ngagggttng	atcgnnccaca	1320
gcacgcgcgg	ccacanacgt	acnnnantag	catcagannc	nacagaacnc	gacagannac	1380
agacanactt	gcatngngng	acgananaat	antcncncca	cgcacaganc	agacgagtag	1440

gcatgagcgt ngngcnnngtg annnananat gnagaggcan acnnagntnt nnanaancgc 1500
 tgtannnnta cncagcgnnn gcagannngg cgcncacngn ngennt 1546

<210> 4587
 <211> 1003
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1003)
 <223> n = A,T,C or G

<400> 4587
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 cctcaagtc cnatnecgcn cgagencanc tttntnnann tgtecgctct gagcccatga 120
 gncacgacnn cnttcnecgg cgectgnatt gncatntctc ccaaatacgt ggctnnctcn 180
 cantnngaatt natcgnnatt tttagtgcc aannattggc nataatgtnc nccntgagan 240
 aaannctnct gncatngaa accatcttna tacttgncgt nncnaaatnc attgtgannt 300
 ntgaagggga acgggcnctn nmaaagngat gaatttcnna taacttnacn ggtnatnan 360
 gaatgatttt gncacanc ccgaaaatcac cccactnntt tgnttcaaga ntgggcccct 420
 aacgggaggg gtantagagg caaacntct tgggggctn tntatttcc tttnttcaaa 480
 caccaatntt tgntgaanaa taacagtgtt ttnaattnaa ttaccaccgc ntncantgng 540
 attntttgnc ccattncaaa ggntgggtca attcccctaa aanaattggg aaanantaa 600
 tttncattt cntttttccn ttnaaangaa accntnccnt gnanttaaaa aaanattctn 660
 tntnntccn caaatTTTT nnttttnaaa ccctnancg gctaaccagg nccgnttttc 720
 ggtgncctn tttattgttg gccanntaaa nccccntttt aaaaaaattg gccttnaaaa 780
 aatccttacc atttttnnna ancctaaaaa nggattaaac tttcaaancc gtnaantaaa 840
 tttnnggggg ttcattntnc tttgaactcc cctgcntcc cntanaattn gaattgncac 900
 attggtngna nccaaantat ggatntttca agannaanac tgggcttnca aatgnctttt 960
 ttcancnaat nanntnatat tgccattttg ngccccccc cnt 1003

<210> 4588
 <211> 997
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (997)
 <223> n = A,T,C or G

<400> 4588
 taganncctc tntctttgaa gccntccca ncnactcgaa ttcggcacga gcaaaaaaaaa 60
 ggcttttccc tgatttccag aatgtactgg gtggtgtcca tctggtcttg ggatggtgta 120
 agcataagga tttattgaat gaaagtatga aagtgtggtt tttatttgaa agtcaaatat 180
 ttggcagntg gtgttcattt attctataaa ctttcaaaac agatgacaag ttttaaggaa 240
 atggggggcc taataccaaa tttggttgaa ttaaataaaa tcccaagat tcttttctaa 300
 cctttttctt ttttaaaaga caggggtctc acttctggtt gccccaggct gggaagtccc 360
 aatgggtgcc aatccttggg caagactttg cctgctaag ttttccctta aggctaaatg 420
 gttaaattaa gtggggtttt tgtggaaatt tcntaagaag ccccatTTaa agaagggtaa 480
 gttttttttg ggaattaaac ctggtttttt ccattcttac ctttaatgga agcctggacc 540
 tggtaagttt cnattcccac ctttaatgga aacctggnaa cctggttttt tccaatcccc 600
 tccctttaat ggaanccctg gaacctgggt aaattggggg gaaaaaaaaat ggggtgggtg 660
 gtnggtncaa anaaaaaagg tttttaangg naatttgggg aaaagaaaaa attttccggg 720
 ccttggtggc cntttttccc caagggttaa accttaaaaa aacccaaaaa gaaaacctgg 780

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gttnggnccc tttgggggtgg ccccttttgg ntttngggaa aattcctttt tcccaagaaa 840
tccantggaa tncaagnaag aaaaaaaaaatn ggggtggcnt accaccttcc aacaattttt 900
taaaaaaaaaa tggaccacnt ggaccncccc ctggaccatt aaaccttccc tttaaaattt 960
ancctaating ggggaaaaat ttttttcccc ccttngg 997

```

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<210> 4589
<211> 945
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(945)
<223> n = A,T,C or G

```

```

<400> 4589
ttnatanca aagccttaac ctenggtttt tttnttnaaa aggcccccg taatcccccc 60
aattcgggaa tttttccggc atancnacct tgcgttgang gnganagcna agtcgggttt 120
nggtngggna ccnntgcatg gnntagggcan nagnntangg caaatcatta tccgttnnnc 180
aanttgggac gncgcncccc cnaaaattng ggtttaacca ctttngngtn ggggcccntt 240
tccaaagggt gntttcccgga agggccnctt ttttaannng gaannttngg aaaaccnttt 300
ttttttnggg ancaaanact tanaannngc cggggggcttt anccccctg gtnataggcn 360
ttttggaccc tncaagatgt tcaacgtgan tcntgccaaa ggtttggnna cttggtgcan 420
gggaaanaaa ttgaaccggc caatgnggat gccttgcaact gaagaagnac ntcaattgct 480
ttggagtctg gagaaantgc attattattt gctacaagg aancatnngn atggactgnt 540
catngctgtg nategtntnt nataatancn gagcnaatg aannacactt ctantngttg 600
tactgnaata atagggttna ngntnntag gcaagttgtg tcncaatcnc cntangggat 660
cnnatggtaa tgatggtatc tagnaancctg ncatactgct ttaannttnn gggggaaaac 720
nggctgagta cttgaagtgt aatgnttctt tacntccagt agcnananac tgggtatcatt 780
cagtttttnt cantagnttc nncaaggtaa ngnanaatgt ttttaagnaa aaatnnggct 840
tttttgttng ggggggnanaa aantttcnaa gnaactcggg gcctacnnaa angtgcattn 900
ttttgtggaa aaacaanttt ttgccccgng aaaaancant ttttt 945

```

```

<210> 4590
<211> 754
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(754)
<223> n = A,T,C or G

```

```

<400> 4590
aatcatctct accgtttgan tgcengatcc ctcgattcga attcggcacg agggccaggc 60
tggctctgaa cacctgacct caggtgatcc accctccttg gcctcccaaa gtgctgggat 120
tacaggcatg agccactgtg ccctgcctgt aatttttatt taatttttcc ggtgatggca 180
tgagtgaatg tccacattta aagttatttt gggtcacaca tggcctttgt ttattattta 240
tgagaaaaaa ttatagaaat aatttaagggt tggtagagaa atgcaaactt agaggactta 300
aaatgtacat gaaaactcca tttgatatga caaataattt acagggtcaa tattttaata 360
tttatatata taatagatgc cagtttagcac aattgacaag ttctctttta cagaaaaggc 420
cccaaaatgt cttctactga tgccagatca gttgattatc tagggataga tatctgaaat 480
aagctaggcc aatttgattt tctcactcag gaattatttt attgactaat ttattagtt 540
cattcagtcg gcaagtattt attgaaggcc tggtacatgt ttggttgcta gagatcaatg 600
atggaaaaat tcanataaag tttctgcttc aaacaaagaa attaaattgg ctagacatgg 660
gaaaatagnt ggccttccca aganggggaag gttctataca tttagtgtg ntaaggccta 720

```

taagaactnc ctctggattt tntccccccn ttgc

754

<210> 4591
 <211> 1389
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1389)
 <223> n = A,T,C or G

<400> 4591

cttnncttgn	tttnngccat	cntntccgt	gtgcgtngcc	gctgccnttn	natnccnctg	60
tgtnccacaan	ncgttgtgt	ctttacactg	ctcnagtga	tcggtnccgt	ncctggatcg	120
ggnggacctc	cttgggagat	caatncccc	gtccctccca	cactttgctt	ctgtgaggaa	180
aagaatncca	acctntccag	cccttttaag	gttcccttca	tgaccttnaa	ccctaancnc	240
cccanaaaana	aanaaccaat	ttntttcaac	ccgggaattt	ttttgaaaaa	aaattcnccg	300
ggnggtantt	tngggaaatt	ttgaacccaa	aaccngaann	gggaatttta	atntttnttt	360
tttgaaaaaa	aaaaatgggg	gttccccatt	taggggtttc	ccaaccccc	caattgggtt	420
ccccctttt	ttcccttngg	ggggananaa	agggaaaggg	aacnccnngg	naaaggtttt	480
tggggaangg	ncccaancnc	agggganaaa	gggggggggt	tnccctctan	gggnnatttc	540
cttgggncca	aaaaaccccc	ccccattggt	ncccttttgg	ggnaaaaaaa	aagggggtaaa	600
ggngngggccc	aaacnaangg	gggtttggcc	ntntnttatt	nccnttccca	aaanggtttt	660
taaaaacctt	ttttccaana	aanccccctt	ttcccggggc	ccnttttctt	ttttaaaagg	720
ggntttttcc	naaaaaaatt	tggaattttt	ttgnntttcc	ccttgggtcc	ccttgggggg	780
ttccccctt	tannccccgg	cacntttttg	ggcccnttng	ggggggnaac	cctttaacca	840
aggcccaaag	gnccccnttt	cntttntttt	aacccaanng	gggggntttt	cccccttaaa	900
ancnttttna	aaaaccccc	ttggaanttn	ggngnnaaaa	aaanaacccc	ccnttnnttn	960
cctttaancc	ccccccnttt	aaanccaggg	tcccntnccn	ttaacctttt	ngggnnccct	1020
tancctnggg	nttaaacctt	ttttcgggaa	ttccaaattg	gggnaaaaag	gtgngggggg	1080
ggcccntttg	gcccccaact	ttttgggaat	tanggnaaaa	canttttttc	gtaaaagnaa	1140
ggcccaactt	tgccttaaat	tttttttttg	gaaaaaaaaa	gggaagggnt	ttttgggaaa	1200
attaaatttg	gnttaaaaaa	naaataacna	antttgggca	aancnngggg	gancnttttt	1260
tnaaaagtgt	ncnttttccc	cnttttnccc	ccanttccgn	aaangggaaa	gaagnaaatt	1320
tnccgggttn	tttattttcc	canncccccc	nttttttttn	ggggggnaaa	aaaaaatntt	1380
ttttccntt						1389

<210> 4592
 <211> 955
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (955)
 <223> n = A,T,C or G

<400> 4592

actttgatat	tattaaaaanc	ccttttncccc	gattttttcta	aatgggccac	gggaatnccc	60
ccnattccgg	aatttnccgg	gtgggaaccc	tnggcccnag	ccnttaccnc	angttgggtt	120
tttccccgga	aaaaaaatgg	gaagggggnt	tgtntgtaat	ggtgtntccc	ccaatttttg	180
gccaaagaaa	gcccaagggg	gaacaaagcc	aagggtccaa	ttcccccccc	aattaaagcc	240
cccccttcc	tggaaaaggg	gaaagggggg	gaangggggg	aatttgcctt	ttaaaaaaaa	300
gccaaanggg	ccaagttttt	cttgggtcca	aagttttctt	tgaaccgttg	gggccaaggg	360
tggcccaant	tggcaaaaact	tttgggttgc	cgggaangga	agtcttttaa	ggaaagtgcc	420

tggtcantaa	attcaataa	gggtccaaga	accaaacaat	cttggaatga	aatgaaccca	480
cctggaaatg	tgttgtggct	gaccacacaag	gaaggtgaat	cctcttgctt	ggggtgctta	540
tggtgtcagg	ttgcttnctt	ccacatctct	catttgctta	aagcagctac	aaaaggatcc	600
aaagactcat	gagactaaaa	atcattctga	ggacaaagag	acaaagatct	gnctgtggtc	660
acactgtgag	gcttgcttac	actgatgttc	tctatgggag	gtcactgaag	acattcagcc	720
ccacacgaga	agatcagagc	aacttggaaa	cccccagggg	agacacaccc	tttaacactt	780
gccgtgctgt	gcttgtgccc	tgctcttnaa	ggaaggaaaa	gaccctatct	cctctggggt	840
ttgntggctt	gacanttgca	acttgatcat	gcctttgact	ncntcatctt	nttaacaaga	900
aggaaagaac	ttgtttttta	ttcnaaacec	ttttnaattt	nnngggggggg	ttccc	955

<210> 4593

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 4593

nnaaaaacccc	ttngnnngna	cnctttttga	atnccctttg	cnactngetc	ttntngcnng	60
gateccatcg	attcgctaac	aagcgattnt	aaaccaccta	tgagtatctc	ttntagggct	120
ttcttaanta	catgttngna	tatactgtat	nntagccana	ntaattttnn	atctgatcag	180
gtagtngcta	aaattagaaa	aaaacaaant	agatgcttaa	agaatttgca	tccatttttg	240
agtctaaatc	ttttaaaata	tactgagatc	cacatctagt	gaaatgtcag	tgcaaaaata	300
ttatagatta	tagctaaaat	ccagattaat	actcattngg	ggttttttat	agtggaaactt	360
catagtnata	caaaaangcag	atngtcttcc	tgtctccgct	gctnccacag	taggtattga	420
aactggtnaa	atcagntctt	ngatagtgtg	tgtatataag	aaaanataga	tacncacatt	480
ctttttttctc	agtcaacaca	ttgattgaac	actctggcaa	agatgctgng	gtggatgagg	540
ttggagttcn	aaagaagaag	canagcgctg	gcctgccttg	aaagaaccga	agtctttcnc	600
attcacttct	ntagaaagct	gccaaagacag	angcagaaaag	aaatggatga	taggtctgct	660
aagcacactt	ctggntctct	tagaacttag	aagtgnntct	aagagaacan	aagnctaacg	720
agaaacagtt	cntngtngaa	tcaacaatct	ttnggntgga	accccnttgg	cntttttttt	780

<210> 4594

<211> 902

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (902)

<223> n = A,T,C or G

<400> 4594

ctttttttcca	aaaaccccct	taccttggtt	ttttttttaa	tggtcccggg	antnccncca	60
ttgcgcnaatt	tnccgnaaaa	tttncgggnc	caccggaagg	aaaattagcc	catgggaagc	120
ccggtnccag	gaaaaaacca	gggnccagg	aatttccaaa	aaatccctgg	tttantcccc	180
aaagnaattg	cccaaggtn	ggtttaatgg	tnacctcct	aaagcccttc	caagtttttc	240
cantccaatc	cttggaata	ataacaatat	tggggtacct	taatccttaa	caangggggg	300
tggtggaata	acctataacc	ttaattaatg	gtattntgag	gggcattagc	naaagcattt	360
nggcacatac	tagtgcccaa	nggtgtntct	atttgcgtg	ctacatggnt	acccctttct	420
ntccctgana	aatctcagga	tttgggcaca	ctgcactact	catntaact	aaaataaaca	480
nagggcgnc	ngtggtcac	tctgtatcca	cacttgggat	gtgacgcgcg	atcacaagg	540
angagatcna	gacatctact	atctngana	ccngtcttct	aaaaatcaaa	aantaccggc	600


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cgggtggcggc acctgtntnn cactctntgg agactgaggc angagaatgg ngtgacnecn 660
naggcggact tgcagtgagc cgagataagt gctactgcag tncgggnctg ggtgaangag 720
caaagactnc gnettcanaa nttaaantna gtcanaancec aaaattaagc aagggttgac 780
ccccanttan ttaaaaaaan ttcccggtt naaaatttgg gaaagccttt tnccaagttc 840
ntntntaaat ccccaattta nttaaagcc ccccttngg ggggttttaa aaanncccaa 900
ag 902

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<210> 4595
<211> 891
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(891)
<223> n = A,T,C or G

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<400> 4595
ccnnttttn ttgnattttt tcccannttc cccnttttac cttngggttt ttcttttttt 60
tnggccaagg ggtaatnccc ccnattccg gaatttttnc ggcaaatttt cggtngccaa 120
ccggaaagcg aanttnccta gacgtgggga aaaaagnccc tttgncntac ccccccann 180
tanagnnggg tnggggncca aaccaaagtc aangggggta ccnactttgn nnaacctngc 240
ctgggaatng aaaccgggt ttctntnggt ttcnattcc ccccattttc cegntntttt 300
atttttnaat cggaaaattt gntaaaaacn cggcgggtgt atttaccngn cctttttttt 360
cantcggatt tttnaaaaaa anaagaggag tggcaaagga aacccttttc tacacataac 420
tgaangccac cagtgattca gtnccagaga ggaggggcnt nncatantta tattcatcna 480
tgcagcagga ttttcngta aaaaaatcgt tatcaggcta cacacatgga ggaggtggn 540
ntcgcattgt gaaataccac actngatct cactgnatct tgacctactc ggccgacnng 600
catnaggat anntgtcnet ntntttttct ttcctttgat ntttncngtg tcnnttagaa 660
caaagctcaa tctntcatnt angntcantg cntngtcnca atttnagttt aacttgttgc 720
cntgatcttn ccaggnttaa gcnaattttt gggcctttag ccttcncaa ttactctttg 780
gactacacgg cntttaacc agccttgccc tgggcntgaa ttctgngat ccttttnggt 840
aanaaaaatg ggggggttcc aaccattttt ggggtttttt ttnggggggg g 891

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<210> 4596
<211> 828
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(828)
<223> n = A,T,C or G

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<400> 4596
cannnncgtc gannannnan nccnaannaa anannnatna angnnncnna nannnncaen 60
nnntcatngt naccttgaan ccttcaactc ttgctgtctg angnnccaag nancgnanng 120
gaacgagcca anntttnacg ggcnanctg cancccaccc aagacannna tnggcaanng 180
ggcaanncaa cggagtnca nnaactnaaa cnggntgcca nagataccgg cntntgccan 240
agaantnngc tngcaattg atganaaant atgagnagcc cncctcgatc ggganggcna 300
cangggccgn aannggnetn acnctgngca gngcatnatg agcggcaaaa ngngnagctt 360
gaanncanna tananngata ctnagcngg angccgggag tgaannacnc nanngctata 420
taacctaacn ttnaacnaga tgggncaaca atgcnanaa cagggmcaen ntangaaang 480
ttggggacgc ccccatccgg gaccangaca catgagntac tncntcaang acanagatca 540
acacangggg gaanacanca cacactgcnn taacngaagc atgaanggaa atgtggcctt 600
tcacnaaaag cgnacaang attgctagat tgaanacaac cttaaccctn cntagcact 660

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tggcgattnn	nntntacggg	aaanggnncg	caaangagge	tntntntgng	aaaaaaaggn	720
ccnntctcag	ggaaactttt	tccccgngna	acccccagca	ttgtggnccg	ggcaccncna	780
gggttanttc	ctacaaaagt	nccgngggcc	ccccccccc	cncennct		828

<210> 4597
 <211> 1395
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1395)
 <223> n = A,T,C or G

<400> 4597	
accccccaacc	nncgccccnn
cacgeggeng	ctntgaacg
ccngcengnc	cccgncgeng
aagccenncc	cncgcenacc
ggncggnant	nnengngggc
ncnccacnag	accnnagann
cnacccaccc	ccccanccan
ncacgcgaac	acngccgcn
cgncgcncag	cccggnccac
acnccaaeng	cnctncnng
gnnaccann	cagcacgncn
aanagggcn	ncnccnnca
cacnnacca	cnccnccat
cannaant	ncacccccna
cnccgacnac	ncagncanca
gnncnccann	nccgncann
cggccangcn	ngacggccan
gnncacaacn	nngcanaacc
ncngcancg	ctacgancan
gngngctccn	gacannccc
nccaccgcag	acgcncanag
ncacnangn	acgnntcgcn
ntccgcgant	gcacanncn
nnancgcngc	cncgc
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
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	720
	780
	840
	900
	960
	1020
	1080
	1140
	1200
	1260
	1320
	1380
	1395

<210> 4598
 <211> 1053
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1053)
 <223> n = A,T,C or G

<400> 4598	
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nntgtgatng	cangantact
gagctcaaan	cnggncagat
atggacttnt	taaaaaaggn
nnangacnaa	aacngggntg
	60
	120
	180
	240
	300

tnngntccnc	ngnnaccttc	ngnccccngg	nanctnntgn	nttctnnatc	ctccannnct	360
ntcanntage	ncngnnattt	tnancattnt	tcacacnntc	getngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgcengnet	ctcctnnncn	480
nnnnngtncc	ctantntgtn	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540
nnattaacat	tncngtctgn	tcancctcgn	tncttcannnt	nntannctnt	tgnnnecgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttategatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcnngnctt	720
nntgnttnta	atactcaacg	tcacntttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nannnatann	ttatactnga	ntnatctagc	tcgcctcaca	nntanancac	840
nntnecganeg	tnttnnnctn	ntnnatnate	tntcnntcnn	tattatctcn	atccccncta	900
tatnnattnt	ttngnngnanc	ttcatacnet	cnanactctc	atnacnnctn	ctcncttcna	960
atgentncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagncttgn	ncc			1053

<210> 4599

<211> 1053

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1053)

<223> n = A,T,C or G

<400> 4599

gtgncctccc	ntccttttca	annnnntngg	aantctcnct	cgetntntcg	tgcnnnecgcc	60
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gagctcaaan	cnggncagat	tgtnnggatt	acagntgtga	ncctcccttc	cnngctgnan	180
atggacttnt	taaaaaaggn	ctctnttaaa	gtannaagga	nggntgnant	tgantncecca	240
nnangacnaa	aacngggntg	aaaaaccatc	ntaaaaggct	gnnatnnnat	ggnagctann	300
tnngntccnc	ngnnaccttc	ngnccccngg	nanctnntgn	nttctnnatc	ctccannnct	360
ntcanntage	ncngnnattt	tnancattnt	tcacacnntc	getngcntaa	tttcnnnnnt	420
tatgattttt	nntcaccggn	gtctctttcn	nntcnctntn	ntgcengnet	ctcctnnncn	480
nnnnngtncc	ctantntgtn	taccncanca	tctngttcta	cnntcaacat	ttgnntntng	540
nnattaacat	tncngtctgn	tcancctcgn	tncttcannnt	nntannctnt	tgnnnecgnan	600
tengttantt	cttactctcn	cgngnctann	ttgtntgatn	nttategatn	tcacctcnat	660
acacntatna	agancnctcn	cgnaatacta	nctnctnana	tanctgatca	cgcnngnctt	720
nntgnttnta	atactcaacg	tcacntttat	ngcgcnataa	nttcnnanct	tattgacagn	780
acattatnat	nannnatann	ttatactnga	ntnatctagc	tcgcctcaca	nntanancac	840
nntnecganeg	tnttnnnctn	ntnnatnate	tntcnntcnn	tattatctcn	atccccncta	900
tatnnattnt	ttngnngnanc	ttcatacnet	cnanactctc	atnacnnctn	ctcncttcna	960
atgentncnn	gcttntgatn	tngetcanaa	tcaccatctn	attatctcat	ntccgttctc	1020
ctnntacnat	ntntatntcn	ttagncttgn	ncc			1053

<210> 4600

<211> 1020

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1020)

<223> n = A,T,C or G

<400> 4600

tntaatcctt	cttncatattn	nttnggaatc	nnantngctc	tatngcgctt	gggccnatgg	60
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atgccggana actnnnatgg gatttttccn acgttgcena ttctggncnc ctgagctcaa 120
agcaangcng gattgctngg attacagctg tgagccancg ngcctggctg anatgacttt 180
tanaaaaaaga ctncntntaaa gtagaangaa nggtggaatt gtatgcacaa naagaaaaaa 240
acctgnaaga aaaacatact aaagaggctg gantgcaatg gcncgatctt ggencaccga 300
aacctcngtc tccngggctn aagtgattnt cctgccnnag nctcccaggt angtgggat 360
tcaacnnatg ncccaccann ccnggntnat tntgaatngn tantntcnga cctgttcctc 420
tccatagant ggntcncgga anntctncca tnttcnntga nctacangnn ntnnncnanc 480
tantanntnn ntcnctctan tnnngntact nttnanntna tcatnttnaa ntggntctct 540
atctcnantt cactaatngn cctngnacna tnattancgn naccnctat aaaatacaca 600
tnctngnttc nnnntanata caatnacatc cntngtgagn cactnactna nacngtgatc 660
tctcgantn tctcnatcnn nccnccatc ncccanggca catctatntc agatnnaact 720
cancntngtan tattnagana cncctcgacnc actntctgtt atacttntnn cactcnttaa 780
tagagntntt ncganncnnn cttctgntnn ncnanacnac attntntntt tacatntnn 840
atatngcctc tnattntanc ntcgtannnc attntncnnt tctncnctca ttancnntnn 900
tancantent cncncnntat ntaaanncgt ncacacagtg cnnnntatnc accgaannta 960
cntnnacntt atcacataat cnctgagtnn atatactcnn gttnttctat tcnctatecc 1020

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<210> 4601

<211> 1081

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1081)

<223> n = A,T,C or G

<400> 4601

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ttnaaccttc accaccggtc angatccctc gattcgcaga acccaagagc aaaagcagcc 60
ttcactnact gtcccatgaa ncaaaaattg gatcttttct aagcaacaga aacttttagga 120
tggnangac aaaagctnng ncttnntccn tntganntan natatgnaat ggagattctt 180
tctnatgng atcccaten gttagecnta aaaannncat acngcnnnnn cggaatngga 240
ccttagcaaa ccaaagcggg naaagcctga tggncgaatt ngaangangc cactgncccc 300
ttaaaaaatt gagcctcnn cttnccttgg gcggnnaaac ccccttcctt nttnaaccgc 360
ttcttnntag ntcaaaaagn gnggtaaatn ncccgggtt cttatagnat cttgntaacc 420
tntatccttt gtttgaacaa ctttcatcc cctntntnt ccccggnnaa aagncttctt 480
aaaaatggnn gggncctttt cnttttantg gatttttcca atnnttaaac ngcttttaat 540
cggnttcctt aagganance ccggaaaaaa aaaatttgan tttnggggga agnaagnatt 600
tccaacggna aagaancnt ttccttggg nggcaaaaat atttnatgga cnccttttta 660
ttttccccc cttttgttaa aaggnttttn ggaantggac ccccttctnc cacttttaa 720
aanacctngg ggctnggtcn tttgccaaa ccataanaag ttgggaatag ctatggcccg 780
ggtnttttaa ancccttgng gaaaaaaaan gggtttngcc nttnttttn cncnccgtaa 840
tttnaaagg gggggggtt tttttctnc ntttttaaac caaanggggn cccaatttng 900
gggaacctgg gaaaccnng gtttccccc ttttttttt ttttttttt ttaancaatt 960
aaanaaaatt cccacanttt ntttttttgg ngnaaaangg ttntttggga accccccctt 1020
ttattanggn ggnngggccc tttgggnaaa aanattnttt tnttttnggg cgnaaaaaaa 1080
a 1081

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<210> 4602

<211> 1046

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1046)

<223> n = A,T,C or G

<400> 4602

cgtnttttaa	cncttnnact	cccgtgcttn	atgccgance	acncgtactt	aactggcgcg	60
ngatgtgtgc	tttngtnagg	catcactttt	cccaagnatt	tcatgttcat	ngtaaagagg	120
aaaaatacan	attnctctat	aatgtctcca	ctnattggct	aantcgccac	ttntcatctn	180
tgtgggaaat	gccangtttt	gaantcaagc	cttcnnnaat	tnngaacatt	tnntncaang	240
tttattcccc	aattgcgggn	ggaanatccc	tnacctggct	naaaaaatnaa	atttcttttaa	300
cccattngga	aattngcnta	aggnnccaaa	anaatttttg	gcnetggcct	ntcttttaan	360
ggnccttttt	nccccaaaaa	nggaaatttg	gccccaaattt	cttggnggga	cccctgggcc	420
aacncctttc	cccttgga	ccnaagnccc	ccggggaccc	attggccttt	naaanaaaat	480
gggnanttng	gncccnanaa	aaaaacnccc	cctngggggg	aaaaanttta	aaanngggnt	540
nggccccntt	taaaaccaa	gnggttgga	aaaantaagg	nncccttacc	ntaattttna	600
acagnttanc	ccttttttgg	tcctgggaac	caaattggng	gnatnaaagg	cggaaaataa	660
atttggaat	nccccaccc	caattntngg	gaanagtnat	ttggncnttt	ttnaaacaat	720
ngggaaaaaa	tctttaaggt	ccnaatnacc	cctggggggc	ttggaaagtt	tnttcaaaaa	780
nggattttnc	aaaaccctaa	cccttcccc	aaaaaaaaag	gggattccaa	ngggtttant	840
tnccctcaaa	tnccaggtanc	ctgnccctta	aattattatt	aaaagccacc	ctttcccgga	900
agaatccaaa	tnccgnaacc	anagtttaaa	aaaanccaan	ngaagccttg	ggncangggc	960
agttttanaa	gaaaatggcc	cnaacaaccc	ccggttttgn	aaaaaagagg	accngggggt	1020
tttttttttt	ttnaaaaaaa	aaangg				1046

<210> 4603

<211> 891

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(891)

<223> n = A,T,C or G

<400> 4603

ttcatectnt	ntngcttttg	tgcagatncc	tcgattcggtg	agtgtgtaac	tcctaaatta	60
gaacactttg	gtatctctga	atatactatg	tgtttaaatg	aagattacac	aatgggactt	120
aaaaatgcga	gggaataata	aaagtggagg	ggcccttaga	tacagaatcc	aggctcaatg	180
gataaatgtt	tttggcccc	cccaccccc	tcattccagna	gttgggaaaa	aaagtgatgc	240
cgaatatacc	caactcttcc	ttttggtacc	ctaccatttc	tggtagctcc	tgggttttgg	300
aaaaattccc	atcntaccaa	aggaaacagg	cattagcctt	ttgggtattt	ccccaaaant	360
tacccccant	tanttcaaaa	aaacccaaaa	taggtttcaa	ttcaaaaatg	ggaatttttg	420
gnaaagtttg	gaaagaatcc	ggtaccttcc	ggtttggggg	tttttaaaaa	ttccaagaac	480
caccattgcc	ttttggagga	aattttttaa	ccaggaattc	ccctttnttt	tcaaccctta	540
ccggaatttt	cntttcttta	atggaagnaa	attctggcnt	caagaaacaa	cccttaccac	600
ccnttccaag	aaaggttaac	cttnaaaant	ttcccagaaa	agaatanttc	ntnccagcnt	660
ttttntcaaa	aaataccaac	ctccaaacct	tagcttnctt	ccaatagcca	atttaaagcc	720
gtgccncccc	agtnaaaagg	ntccttaaac	atggacagaa	catncgagat	gtcagcaaca	780
aagaaaactga	aattccgtgg	atctatncac	acagaactgg	aaaaaaaaaa	aaaaaactcg	840
gcctctanac	tatagggggt	ccgattacgt	aaattcccc	ccagggnaaa	n	891

<210> 4604

<211> 877

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(877)

<223> n = A,T,C or G

<400> 4604

tcgnttngac	tnttgaattt	ngaagccntg	cgngaaccct	cangacncan	nognnnecgag	60
nggnantggn	cccnatnctn	agatttttct	ggngnngantg	catgnggtct	nnnaaggcgg	120
ntnctngaag	aacctngnt	tgaattacna	nagagngccn	ngnattnnaa	gcccataatn	180
tggcnngcgg	tgtccattaa	ttntatance	nngcnanaca	gatgacactg	ttttaaggaa	240
atggngccna	acccaanccg	ggtggaanga	atgaatnnca	agantnggtc	tancggggan	300
ttttttaaag	acanggtctn	actctgttgc	ccatgctgga	gaccaatggn	gcaatcttgg	360
caganttgge	tgatagttat	ccttnggctn	ccgnaantnn	cggnnaccgn	gaacccata	420
gocgttaaga	aggtnaggcc	tntggaatga	aaccgtttnc	cancaaacna	aaagagctga	480
ctgnnaaacn	cateccacta	antggaaccn	nnnccggctt	ntnaannct	cnntnattna	540
ncctggacct	ggccctaggg	ggaaanaaaa	agntgccngt	tggcnaaang	gaggntncc	600
ttnttttgnn	naaaciaaagg	attnccggnt	tgaannccct	gtcccnacga	tgtntcntaa	660
aggaccccc	taaaaccngg	gnnccgncca	aggggaggnc	cccgttggga	tnttnggagg	720
attccttttc	cccaataaaa	actnttacc	agnttggnng	agcnnggcng	ccaacccctc	780
cccgnttnan	tenttnaaan	cncctctctg	aacnccctc	nnnatntgct	cccatttnaa	840
ngnnccctaat	gggggtttttt	ttttnttnna	nnnccct			877

<210> 4605

<211> 854

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(854)

<223> n = A,T,C or G

<400> 4605

nnatcanttt	atcangcttt	ntnntcnntt	tgcaggatcc	catcgattcg	catctggcnc	60
gaggngccat	aanctcantt	tnaaanngaa	ttnttttttaa	ntggangana	tnctntcgnt	120
nganttcngg	ctttntgang	gngacggnta	gnnantcnan	acacacttnc	tnnacattaa	180
tggganncgn	gcctganctc	ggganctncc	aaaangttng	nntttcctac	gaatgancac	240
ncctnggnc	gngnggaatn	cgggcgantt	agngctgcna	tggtgacatt	attntncta	300
tataacanta	ttgctggc	ncctaccgna	gnnntnnnac	cctgnantgt	ggcactnccc	360
tncatatcca	nanntccctc	gactgtatat	gccttcctgt	cngcatacaa	nnnangccca	420
tancttaann	gnaaccanan	nnntgnggaa	nggatganc	caatacatgt	gnncattnt	480
ncatgngtgt	tcnaccatgt	ggnccttcgaa	ncctangctt	tggaaaccag	ngtttcacgn	540
gacaatgana	cctttccatg	cttntntgcc	ccncaatntn	cctcaatttn	nttataanca	600
aaaaattttt	nntntatttt	canaaggngg	tccagtantt	ttnttnacat	ggganngact	660
ttaaaattnc	ctaagcaagg	ggaanccatc	ttttaangan	cattaanttt	ctntgggggg	720
anaatccaaa	ccanancctn	gaaccttttt	tcaatgaact	tntngcaacn	ttattttttg	780
agcanccaat	ttttttcggt	tgaaattccc	aaanacaaat	tgtgttttag	aggnnnnaaa	840
aaatcncttc	cnct					854

<210> 4606

<211> 1401

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1401)

<223> n = A,T,C or G

<400> 4606

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gaatcccccc natnccgggaa ttttccgncn tnccttctct gggaanagga aaaaatnaaa 120
tntnngagtt tantggccca cnataagggg aatccaaagt tngccaaang tttanatggc 180
ctgggtntng ttgcntccca actggaacct ggggggttcc caagggggga accccccggg 240
aagaacccta ncccaaaact gaattttaan aagaatggaa gaaagngggg gtttanctgg 300
ggtcaagaat ggaaacaaat ncctttccac tnaatgggcg gtggaaatgg gcccttttaa 360
ccanggaaga atgcctttgg caggcaangg aaggaattgg ccaagaatgg tcccttggct 420
tccacaagta ntccattggg caggncaaaa tggaacnatg gtcggaatga aataatggtt 480
tnccccnnaa aaatcattan ntagtngaac nttttttggg ttnggaaanc cttccttggg 540
gccnntaaat taaaagaaaa aaatggnaaa gaatgaatgg taacaagaat tanttggtca 600
aaccnngggc cttntctcaa agccaagtaa ntttaagtng gaaagtccct cggaatttgg 660
aaaaaaaaanc cntttaaaaa aggnaaccaa attttttccc aggnaaaaat ttgggaaaaat 720
naccttggtn aagnaaaant ttccttggat tttcnttttt taaaacaaag ttaaggccca 780
aggggggnnaa aaaaantgggt tttnaaaacc ttanccaagg gggttgggaa cccaaaaaaa 840
aaaaaaaaatt ancccccccc aaggggnttg naaaaaaccc aacctttggg gccttttttt 900
tgggggttaa anggaaaaaa tttngggngg gncccaaggg tcccanntt tttnaaaaaa 960
aaaagggtcc naaaaaaaaaa antttttttt ttttttnggg aaaccttttt tttttntttt 1020
tttttttttn aaaaaaaggg cccccaaaaa aanggggnan cccaattta agcttttttt 1080
tttnaaaggt ttttttttaa aaaaggnccc ccacctttta aaagggttta aagcnaaatt 1140
anttttttta aggggggggg ggaaaaaaatt aagggtttcn aaaaaaaaan tttttttaac 1200
ctttgggttt tggaaaaaaa aaaaaaccca aggctttggg cttttanttg gttgggccct 1260
ttttnttttt taacccccct tgggttttcc ttgggttttc cccaaaattt tttttggcct 1320
tgggggaatt tttnggggaa accaanttaa agnncccan tttttcccnt ttttttggg 1380
ggggggaaaa aaaaaaanna n 1401

```

<210> 4607

<211> 788

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(788)

<223> n = A,T,C or G

<400> 4607

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ngnnnnnnntt tcnaaaanccc ttttcnaatn ccttggctat ttgatctcct tgcangatcc 60
catcgattcg aattcggcac gagacctct ctggccacat ggaggcagtt tcctcagttc 120
tgtggtcaga tgctgaagaa atctgcagtg catcttggga ccatacaatt agagtgtggg 180
atgttgagtc tggcagtcctt aagtcaactt tgacaggaaa tnaagtgtnt aattgtattt 240
cctattctcc actttgtaaa cgttttagcat ctggaagcac agataggcat atcagactgt 300
gggatccccg aactaaagat ggttcttttg tgtcgtgtc cctaactgca catactggtt 360
gggtgacatc agtaaaatgg tctcctaccc atgaacagca gctgatttca ggatctttag 420
ataacattgt taagctgtgg gatacaagaa gttgtaaggc tcctctctat gatctggctg 480
ctcatgaaga caaagttctg agtgtagact ggacagacac agggctactt ctgagtggag 540
gagcagacaa taaattgtat tccctagata ttcacctacc actttccatg ttggggcatg 600
aaagtgaaca ataatttgct atagagatta tttctgtaaa atgaaattgg tagagaacca 660
tgaaattaca tagatgcana tgcngaaagc cagccttttg aagttatata atgttttcnc 720
ccttataaca gcttaacgta ttactttttc ttatttggnt tatnataana nagntgngtt 780
antaaaaan 788

```

<210> 4608

<211> 793

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(793)
 <223> n = A,T,C or G

<400> 4608

tgntenccta	gggaaaccct	anngaaaagc	cnccanntt	tggnaaaac	tncgctncan	60
ntgacgtcca	cacaccctnc	tcgggtagag	ntcattttgt	ggcaacggaa	tgcnccggnc	120
aaacagnagn	gnatnttnnn	ggcacagaag	gccngngcca	ntttcatgga	cacctggctg	180
gacctcngng	gaagngaact	ncgataagat	gngtgcgttc	actgcagnac	ctcacantga	240
taccgtccnc	tctaattggaa	cngancctcc	ccacatgcac	ncnccactca	aanggagntt	300
naaaggctgg	gttcaggtta	cagggcgctn	ttcttcaccg	tctgaatgcn	ggaagacaga	360
ntacnagctc	cagaggagcg	ngggcgggag	acggagctga	natgcgngat	gtctaggaaa	420
ncgtcctcgn	attcctnagc	gcgggcngcn	ngactgntcg	cggcccttgc	ctgncttnca	480
ngagcgcttc	aacttnnncc	aacacaccen	cggnetgatg	ttccctnnct	ccggcggcct	540
gcacacccca	acnatgcctg	actnggangg	ctcnccntnc	cacacngacc	ntganttnng	600
gnncaagtna	cancctgtnc	caaantaccg	nttaatncca	aaagngnacc	cntgaaaagg	660
aanccggnccg	ggncctntag	ccngngntnn	ancnggancc	gggnnnncnn	ngngnangnt	720
ngaaagggtt	cncccgancg	nntntcgcnc	ncctcgnatn	natgcntccc	cnggcantag	780
ncnactcan	ncg					793

<210> 4609
 <211> 1104
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1104)
 <223> n = A,T,C or G

<400> 4609

nnchnaaaacn	ctttnnnctc	ccgttctttt	tgcaggatcc	catcgattcg	aattcggcac	60
gaggaaaaagg	gacagcgtgg	ataaaaaggt	tttttaaaaa	catgggatgg	ttaaaggctg	120
gtttttgctt	tgggaagaaa	gaacttnggg	gaactggggg	ancaggtctt	ttaagaatat	180
ttaatttgga	aaaatgcctg	ggccacctgg	tcctaatect	gggaatcccc	aaggggcttt	240
ggaanctaag	ggaattttga	agggaaagtt	caccaagggg	aaagccaaga	atttccaagt	300
cctggaccaaa	ttttatttcc	antgccaaaag	gttttttttt	gggtgcctgg	taagttatta	360
ttgaatggaa	aaagaatggt	aaaaagcctt	gaaattaaaa	ggccatttaa	ttttcctgcc	420
ccctaagaag	tttggtttcc	accagcccc	taaattccaa	gggccattaa	tgggaataat	480
ggttaaaaaac	caaatggaac	ctggtaaacc	cgtnggttta	ttacgaatgg	ttnaaaggan	540
ccaaaaaatt	ttaaaaaaaa	angggggggn	tttttttaaa	naaaaaaann	gaagggccat	600
taaaaggggaa	nccccctcca	aattggccaa	nangaatttt	ggaaggggac	ccanttnaat	660
tttttttaaat	ttnttggaag	ccctttttaa	aaaaagaatg	gaaattaagg	ggtggtttcc	720
ttccaangga	aagggttaagg	gggaatecct	gggccttgga	aaaangggga	aaattaaatt	780
cctggaggcc	aaaaaggggt	aattgaaaaa	ccaagccctt	taatngccnn	tttaagnaag	840
naaaaaaaaaa	gggttccctt	ttttaaattn	aaaggggcaa	tttttngggg	ggntttnggg	900
ggggggaaaaa	ancccttttg	gnaaaaaaaa	aagggaaaaa	attngggggg	naaanccctt	960
nggggtncce	acccaaccca	aggggggmcc	cccttttggg	ngggttgggc	ccccnaaaa	1020
acccttaaaa	aggggggggg	tttttngggg	aaaaaaaaaa	atnaaaaaaa	tttngggnaa	1080
agggggcccca	aaaaaaaaaa	aaat				1104

<210> 4610
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4610
 ggncctttgaa acccttggtt acntgcectt tntgcaggat cccatcgatt cgantncggn 60
 ncnagctana cctcntatga gggtnnctn cagggetacn gtgattacat gnatgtntat 120
 nctggnnngt agccgctant ganttgatat ctgncagggt nactcctaga tgtcngnaac 180
 cgcgtganat ctgcccgcgc acctnagcat gnatntgagc gtctatcaca nctnnnngan 240
 actgggatnc acatntatgg anttgnnenn gacaanatga tatanntgnt ntctnttant 300
 cngantaant ctaatttnnn gntatgtnta nnggancntc atacctgtac aagacgcnc 360
 tagcntgant gnctangctg ctnaccacat gtaggnattg aaannggta nnttagacca 420
 tgnacannnt gtgcctatac ttaaaagatc tnttgactan atgctgctcc ttgtagtacn 480
 nnaccctga tctggncacc nctggtnant tantgctgtt ngcennatna ggtacggtag 540
 tttnganang ancatanctg gcgctacgnc nggcenntan ntganccncc atanacatcn 600
 nctattattg ataccngccc ttaggatnag gcngtgtcaa atggatganc naccantagg 660
 cnantnttgg tntcgtacna cttggnaacg cccttagagt aatnaaangg gaagntgaaa 720
 cnggggcntn gggaaattan acatcgttgg cntgangcnt aggcttncn atntttggan 780
 ngann 785

<210> 4611
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4611
 gatntntttt tcaaanctg aggctactcg ttctttttgc aggatcccat cgattcgaat 60
 tcggcagcag gaaagctcat taccagtagg acataatttt tggtctctcc tattcacaac 120
 cagtgcacag tttgacacag tggcctcagg ttccacagtgc accatgtcac tgtgctatcc 180
 tacgaaatca tttgtttcta agttgtgttt attcctggag tgacatgcc ccccgaaatgg 240
 ctcactttca ctgaggatgc tgtcctctga tttagctgct gcctccagcc tctggcttga 300
 gaacttacta aaggcacttc ctctctgtta aacctctgtt aactctccat aaatttggtg 360
 attctctgct aggcctaaga ttttgagtta acatctcttg aagccaaact ccacctctg 420
 tgctttttgc ttgggataat ggagtttttc tttaganaca gtgccaaaga tgacaaagat 480
 ntttaaaaaa anagaaagaa angnaaaan aaaanccct nactttttaa agnaaaattn 540
 cctnacnagg attttttaan tatnagntna ttcttttacc canttttct ttnctannt 600
 tccctnngat nttttccaan ctnaanggct gggnatTTTT aaacttcant ancttggtga 660
 aagacaaaaa ggtggttttt tgganttnag naaatttttt ggaaaatctg gcntaatnct 720
 taaatttggt aaaaaatttn nggaaaattc cttaanaaaa taaatntnct tattaaaaa 780
 aaaantngng ccttttagaa cttngngng cntttncn 818

<210> 4612
 <211> 817
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(817)
 <223> n = A,T,C or G

<400> 4612

ttcaaatngc	ttggntctng	ntctttctgn	angatcccat	cgattcgaat	tgtgaactnat	60
ncnaggataa	atgtnatatg	cgtatgattn	tgatatgact	ttgatgagnn	tcttcagggg	120
aaattnctna	aantgaaatt	gctggattaa	ngggtaaattg	catgnatagt	nttgntagac	180
aggncannnc	nnctncctta	naggtngtnc	ccttttgtgt	tcttgccann	nataatngag	240
agtnacacga	ntatgtggtn	nancntntata	atgcttgtcc	atctgatang	gaanaaatcg	300
agtatgcctt	aatntgccct	tcttttatta	tgaatcagat	tttaaatnttt	tgcctctaga	360
actatagntg	agtngtatna	cgtagatcca	gacatgataa	gatacattga	tgagnntgga	420
caaaccacnn	ctagaatgca	ccgaaaaaaa	tgctcnatnt	gtgaaatntg	tgatgntatt	480
gcttnatttg	tgaccattat	aagctgcnat	ntncaagtgn	acaacaacaa	ttgcattcat	540
tcnatgggnt	cagggttcngg	gggactgtgt	gnngatgggt	ttntaattcg	acggncacct	600
gtgccaaatg	cattggngcc	ccngggaccc	cagctttntg	gatncctttt	acatggaggg	660
gttnaatttg	gccnccttg	ggcngttaat	cacttnggnc	cataagecng	gtttnactgg	720
tngttgaaaa	tcggntantt	nccgtttcac	caaatttccc	cacngggnat	tttctagccg	780
nggnagcctt	caaaatggnn	anagcccttg	gggggnc			817

<210> 4613

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4613

gtttnnnnnn	nttnnnnnnt	tcnaatngct	tggntactng	ttctttntgc	aggatcccat	60
cgattcgtc	aggcttgggg	ggaagaacaa	gctacttggg	agttaatgga	tgatagctgc	120
tgtggccatt	tttcttaaga	gttagactgg	ggagatgggt	ttggaaagta	aaatgcaa	180
ggtgggtagt	ggtattaggt	ggtgatgcc	aaggcgtgct	gtagaaacct	gcagggtgaa	240
gcccataact	tttgttacgg	gaatggggta	actgaatcct	aaactagcta	ggggagatag	300
ggatggaaag	agcagatgtg	gaggttgggg	agaaggagat	gacaggagat	atatccagtt	360
ccagagggaa	tagggagagc	tgtgtggcta	agatttaact	gtttggacat	ttaatttggg	420
gaaattgttt	tccagccaag	tgaataaata	atactggact	tcaagtncaa	gcttcataca	480
ggaagtgaag	ttttggtgtg	gagatagctg	catagtcagg	gaacactcta	aattaaaaat	540
agggaggccg	ggcatggtgg	ctcatgcctg	taatcccagc	actttgggag	gccgggcaga	600
tcatgggatc	aggagttcna	agagcacctt	tgaccagcat	atttgaaacc	ccatctnact	660
tgaaatncna	aaagattacc	cggcgtgggtg	gtgcacgcct	gtatnccact	tctcnggagc	720
tgngcangaa	aattgcttgg	ccccggaggc	gtggtgcatt	aaccagttc		770

<210> 4614

<211> 1253

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1253)

<223> n = A,T,C or G

<400> 4614

ccccnagttt	tcnaaaaaanc	ccncagttt	tggaaaangc	ccctttgtnc	tanacagggc	60
catcccccaa	tcgcatttcc	gnaaaaagng	cgncgcagna	nggacttggg	nnncgcctgg	120
acncncngnat	annntcgggc	aacacactgt	cgnggagagt	tttntnnca	gggcggggt	180
taattacagc	ctcangggta	cggaggggaa	aaacnanggg	ggaanattgg	nanannccgc	240

```

caaangggat tttgggggna aagnaattaa ncccaccana ngntntactc ngncnnaccg 300
gggccaaatg cnaggaaatg gggaaanacc tttccgtngg ggcaagcccg ggnaaccatn 360
gagcgnngga ccanttatgg ggcggggacg naaacctacn ggnccaaaca anggccacct 420
gcttanggaa actaggganc gnttaanaag ancgcganen aagcccggtc ncnaaacctt 480
tgnttgnnnn annaatgggc cntgggggnc ntncacacg ggnggnntaa annngnanna 540
nngnntttta acaanncccc tcaanggggt aacccgnaac caacctntgn cacnggggnt 600
annnccnnna aaaaancccc acacagcgat acnccgggga gaaaaaattt ntaaaannntt 660
nnaanancca atngccatnn aaaacnctt gcccaaacng ggaaaaaann gcccccgga 720
atntancaac cccangtagc ccanaattn ccccaacgga gngggcccca antatctgnt 780
agggnaatng nggnattngg cnnttnnaaa nggnaanata cnaccgnttt gngnggcnn 840
aanatggggg ngaattgcaa aagngnantt tggncaaaaa ancnaaaaaa ncgnccctnt 900
tttnnacnan canggggaaa nncctcnagg gcaaccnata ccnancctgg nataagaaa 960
tccctnggnn acctnanaag nggngntccc cccganaaaa aaaacnaagg nggttancgc 1020
aannccaatt cccccggngg atattggaaa aaaacngggg gaanaaaaaa aaaaanggga 1080
agngcttntc canggggggg naancaattg gntnaaaaaa ccctttcnc tttanangaa 1140
aacntttent caaaaaanct tntaaanaaa aanccaatnn ttatnccccg cgaannccaa 1200
agnggtnttc aaaatacnng gancattaaa ccgcgnnatt atcccntnaa aaa 1253

```

<210> 4615

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4615

```

ttcaaacnct nggetcttgt tctttttgca ggatccctcg attcgaattc ggcacgaggc 60
gcaatgcgag cggctggcgt agggttgggt gactgtcact gccacctctc cgccccggac 120
tttgaccgag atttgatga tgtgttgag aaagccaaga agccaatggt gtggcccttg 180
tggcagttgc cgaacattca ggagaatttg aaaagattat gcaactttca gaaagggtata 240
atgggtttgt cctgccatgc ttgggtgttc atccagttca aggacttcca ccagaagacc 300
aaagaagtgt cacactaaag gatttgatg tagctttgcc cattattgag aattataagg 360
atcggttggt ggcaattgga gaggttggac tagatttctt cccagattt gctggcactg 420
gtgaacagaa ggaagagcaa agacaagtc taatcagaca gatccagtta gccaaaagac 480
taaatttgcc tgtaaatgtg cactcacgct ctgctggaag acctaccatc aaccttttac 540
aagagcaagg tgctganaaa gtactgctgc atgcatttga tggtcggnga tctgtaacca 600
tggaaggagt aaganctggg tactttctt taattncccc ttctatcata agaaagtgga 660
cagcagaaac ttntgaacaa ttgcctttaa cttctatatg cttagaaaca gattcacctg 720
cnctaggacc ngaaaaacaa ggtaccgnat ganccnt 757

```

<210> 4616

<211> 1351

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1351)

<223> n = A,T,C or G

<400> 4616

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ccnttttttt ngcnaaaaaa aattcnncn tttttngggg ttttaaaaaa nanccccccc 60
atttttttca tnnntttttt tnggnncagt naaaaaannn nanantttnt tnaggggnan 120

```

```

ataaannnnn nntannnga angnnnnntnn tntntnaaag tannnnnnngn tttttntgaa 180
nnnannagan agnnngnnntt ttttttntnt nnnnnntanna gntttttttn tgnnggnatc 240
atantattnt nncaaggagg ggtannntat ttttnnaanga tgaantttgn atntnanngc 300
atnnannaan naaantntnt natntngnna taatnaaaga attnaataat tanangatan 360
atacntaaaa aaaganncga gagcattntt nntgggattt ttnatcatct caaatnagnn 420
annatatcta tgaatgatan ttanttangn ttnataannt annnnnaann gtnttatnna 480
annatantgt nattngannt gananaannng atctgccang nangatntna tnaaatntnt 540
nnnngaanaac antnncnagg cgnaatnata ttnntantna ntntntnatt annaatagaa 600
aaatntnatn atnatatana ttnattatac antantatgn tnnaaantat atnanntntt 660
tatactctac tatatgaatt attcnnanga natnaattan agnntngaag aaatatatat 720
atntanaatn tnatttaac tgtannagan tananacttn cnaancatnt ctatgatata 780
tgananagnn tatattctgt acttaatngn atattanata tgataaatan anagatatat 840
ataatattat nacatacgtg tatanantta tatntatntg nagtacnngn gannaatgat 900
tacttatatn antattnana tncnatanat atnnagggta tagtcntgta naatgtgna 960
tcannngagt cnnnataata nntntatctg ttatgttggt atatatgtgn tngnatatat 1020
nctactannn nataaggnta taatttgnga nnagatgttn aantttntatc tcanagacat 1080
cnacatgcan atnangttga anantgttt ntatatctca tangtantct cntatngatn 1140
tntagctatt atntagaana nntanatata tntnctctnt atgttnaatg actcataant 1200
ctatnatgtn ngtacaactn nctntgtata nagngatgnc tcatanatta cncnntantn 1260
cngatatata tagnnnatnt ntatatntat actctantan ntgatngana tattntatnn 1320
acnnanatag actactatan taataanatn a 1351

```

```

<210> 4617
<211> 805
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(805)
<223> n = A,T,C or G

```

```

<400> 4617
ttctaatacc attctaaatn ccagttccaa gccttngtgc aggatccctc gattogaatt 60
cggccgagaa gatgcaggtg aacaggtagt atcttcccca gcagatgttg ctgaaaaagc 120
tgacagaatt attacaatgc tgcccaccag tatcaatgca atagaagctt attccggagc 180
aaatgggatt ctaaaaaaag tgaagaaggg ctcatatta atagattcca gcaactattga 240
tcttgcagtt tcaaaaagaat tggccaaaaga agttgagaaa atgggagcag ttttcatgga 300
tgccctgtt tctggtggtg tagganctgc acgatctggg aacctcacgt ttatggtggg 360
aggagtttaa gatnaatttg ctgctgncca aaaatttgct ggggtgcatg ggctccaacg 420
tggtgttctg tngagctgtt tggactgggc aagcggcaaa agatctgcaa caacatgctg 480
nttagctatt agtattgatt nggaactgct tgaactntga aatcttggga atcaggttaa 540
gggcttgacc caaaactact ggcttaaaat cctaaatatg anctcangac ngtgttntgt 600
caaattgaca cttantaatc ctgtcctgga ntgatgggat tggccttccc ctgggctaata 660
aactatcagg gtggattttg gaaccacccc tcatgggtaa aggatctggg gattggcnca 720
aganttttgn taccagcaca aaagangccc cantccttnt tggcaatctt gggcccatna 780
gatcttnca gtingatntgt nccct 805

```

```

<210> 4618
<211> 772
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(772)

```

<223> n = A,T,C or G

<400> 4618

```

ccntttcnaa tncnagttat cgcntttttg caggatccca tcgattcgtg ttgctgcatt      60
ctaagcttaa cctcctgggc tcatggcagt gacttgagct tttgattcat agaagaaagc      120
cagaggttct gcttggttct gtctgccagc cctcgtcgtt ctttctcctc tgcctctcac      180
ctctacccca aatacctctg ttcttagtct caagggggaga ataacatcag ggagcccctc      240
atcttcccca gaaggacttc tcgttcccca tgtagttaac tccattgatt ttcttatctt      300
ggtgctgata gctctctaag ggtagggcac acctncccac agccaccctc ctcttcagag      360
agccccccag cagcagcagg cccctctgcc tgcactcctc aggcttgccc ctctgctgct      420
cagtgaggca ctagtgccac tgccgtggcc caccgggcca tagctcaagc tgcagcagaa      480
atgcctctca gtggccaaca tgatgaaacc cctgtctcta ctaaaaatac aaaaattagc      540
tgggcatggt ggcgggtgcc tgtaattnca gctactcang aggctgaagc aggagaacca      600
cttgaaccca ggangcggan gttgcantga gcccgcagctt gtgctattgc acttgccaccg      660
gggtgacaag anggaaattt gtctcaaaaa aaaaaaaaaa aaaaactnga nncctntaga      720
actntagtga gtcggattta cgtanatcca gacttgatta gatncattgt ta              772

```

<210> 4619

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (612)

<223> n = A,T,C or G

<400> 4619

```

cnnagntcnn attnggttaa ngccctttct cgcagganga ncccatcgat tcgaattgan      60
ctctnggctc cngetgnnga nagctancnn gntntttnan acagccnagc angcnnggtn      120
gnatcaccaa ncntgggncc ntacnanggc annatttnng gccngntgna tttggnnaaa      180
agattngna anggcaangn ttctgnctgc ccaaggacaa ntgctgatga gcngaatanan      240
ctgggnacna annngnttca cctgatnggt attnacctnt ganacacatn ngtngccaaa      300
aaatgggaat aaggnnctga ggnactctca gaggcataat gnactatctg ttctgtctntg      360
atanaggnag gtgnatatgt gannagccca taanngagca tatttcacca aaactntntc      420
cctgggtggt accaccttgg tcnaatgtng nagcaattng caaaatngac tangtncana      480
cgatectacc gtgntctnna ccaactctga tnatgnnnng nctngtctt cattgcnaaa      540
angaantcna ttttgcnnta ntactacttg aacgacttag agtngacnna tctacccatg      600
nagtcttaacn at              612

```

<210> 4620

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 4620

```

anntacnaa ancnnngnga cntnctcttt ctgcaggatc ccatcgattc gggggcacag      60
gccgagctgg aaggagaatt tggcaaaaag gctnatggct tgctggggat gttcctgaaa      120
cgctctttgt ctgagcttat cctgctgcaa gcatggactt cccacctctg gaaaatgttt      180
tatgatgctc ggaagccccg gagtcagatt aagaatgaga tcaacattga caccctggcc      240
agagatgaat tcaacctcca gaagatgatg gtgatggtaa cagcctcagg caagcttttt      300

```

ggcattgaga	gcagctctgg	caccatcctg	tggaaacagt	atctacccaa	tgtcaagcca	360
gactcctcct	ttaaactgat	ggtccagaga	actactgctc	atttccccca	teccccacag	420
tgctcagcta	agaactgtag	ggaagatgga	tgaccttcac	gcagaactcc	ttttgggata	480
tacatgatgc	agaaaggatc	ctacatggag	agagacagaa	ctctctcagc	tgacactctc	540
agagattcct	gatgggcttt	ctcttgaagt	ccaaggcgctc	tgcattggtt	ccttttcttt	600
tgcccatnca	tgaatggttc	tggtttggnt	ttggtttttt	ttaataagga	atttcccggc	660
tggatttttg	tgaaggcctg	ttttaaatg	gactttactt	tgcccttttt	gggggtttctc	720
aantttttatc	ctanaaacct	ttctgacttt	tttccatcnc			760

<210> 4621

<211> 612

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (612)

<223> n = A,T,C or G

<400> 4621

cnnagntcnn	attnggttaa	ngccctttct	cgcagganga	ncccatcgat	tccaattgan	60
ctctnggctc	cngctgngna	nagctancnn	gntntttnan	acagccnagc	angcnnngtn	120
gnatcaccaa	ncntgggncc	ntacnanggc	annatttnng	gcengntgna	tttggnnaaa	180
agattgngna	anggcaangn	ttctgnetgc	ccaaggacaa	ntgctgatga	gcngaatan	240
ctgggnacna	annngnttca	cctgatnggt	attnacctnt	ganacacatn	ngtngccaaa	300
aaatgggaat	aaggnnctga	ggnactctca	gaggcataat	gnactatctg	ttcgtctntg	360
atanaggtag	gtgnatatgt	gannagccca	taannagca	tatttcacca	aaactntntc	420
cctgggtggt	accaccttgg	tcaatgtng	nagcaattng	caaaatngac	tangtncana	480
cgatcctacc	gtgntctnna	ccaactctga	tnatgnnnng	nnctngtctt	cattgcnaaa	540
angaantca	ttttgcnnta	ntactacttg	aacgacttag	agtngacnna	tctacccatg	600
nagtcttacn	at					612

<210> 4622

<211> 1526

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1526)

<223> n = A,T,C or G

<400> 4622

aggntcttgc	ttgncccatn	gcgaacgctg	gaaaccctcg	nncaanagcg	cgngaaaccn	60
cngggntaaa	tgcccacgnn	nannncacgc	nannncccn	ttttcncacg	cnaccacna	120
gggngcngan	nagggncntn	anangnacac	nnatcngaac	cantctntna	aagggncgnc	180
naaantnnnc	tanngtncgg	cntnacgagn	gggaactgna	acccccgngn	nngetacnag	240
nnacacnaga	aaacancnct	ngggtnaata	caacagccaa	cngncanncg	nntaannaat	300
tcnncancan	aggagagaga	cnnagnancg	cncacacant	nnngncccaa	cantggnaaa	360
ccacnagcnc	ntaanananc	gacccangnc	anntnnctac	aaganagngg	cctcacngcn	420
nanncnnac	ntcgtncgca	cccnatngga	accgcaantn	ncgaatcann	ncnnaggggg	480
ccgccannnc	nnacactcgt	ntnacgngag	cncgctcana	nacntacta	natnnngggc	540
gcctngngaa	caaaacaaca	ngccccanac	cgccntntag	nnnccntnna	anagatancc	600
gacggganac	tctannacgc	ganangnacn	gtccaaccac	tctagaggga	aantgntngt	660
nntananaan	cnacaanggg	tnttcctntc	gcancacaan	gccaaaatcn	atntatgnac	720
ccatntncnc	tccacnggga	ncancangga	aagaccgagn	agcccaanga	cnananacng	780

```

nngtancnt naaacaaacc anannagaca nnanggnagn canaancccc ccaggcaaan      840
cacnctantn ngcanaaaaac nccccctaaa tnanccgcaa ccccttgncg ncnanngnat      900
cggntngaca gnnncanann ncnnnnntn nanactcaaa aggnanacan gntnganacn      960
nngcaanaaa ccagcaccgn ggtgncnnaa cactcngcg taccennagc gcanntatat      1020
caccaccccg ggacangaag gtncngngng natatannaa tcnctnnncg gcgacacgca      1080
nctctaaagc nncnnagntn taanangncn natnntaana nnangctctc aaaccnntcc      1140
gcgnnannng ncnctannac tacgcaacca catcaagnnc cgnnatgcn atccanncgt      1200
tcacataaac ggggngacca cnnngngncn cnanegant ntgttnacgn gnnngcaggn      1260
ntnnnccgan nngacangac nannngnaaa nacgctaccc tnggcnaang cacacatgng      1320
tgnaccgana antctganta tntnncntn tacacncant aacnacncan nagnntanng      1380
aggnaaccca antgaatnga tannncncn cgnaacgngg anncccnnnn ganantnaan      1440
ntaagnacan nnanagnntn nangecgca nnacctntac naacnncaca nncnngcnn      1500
cnaaaaganc nacgcncntn tcnccg      1526

```

```

<210> 4623
<211> 797
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

```

```

<400> 4623
ttgtnnnncc cttttnaaat ncctttgggt anttgntctn tttgctngat cccatcgatt      60
cgaattcggc acgagnnngg actaccttnc aaaaccnggt ngggaagcnt gttacagaan      120
tgatntctan tccccctgnat tctggatgct gcagaccaac acctgccnac aanacncana      180
cacacacann caancantat catgtaagac agnncgntna ntnnnnnatt ntntatnctn      240
nncattttacn cantnttgta nantggntca tngtctata natnnttgta antattntnt      300
gananangac ganantctga atcttaagca tatgctccat cnttnnatat gctntgggtg      360
agaggctngc cntnattcat ntnncatgg agncaagttt aatgcctcta gantacattc      420
tgggttcaa gcatncttat tttnnaactcc ctgagtgatg ggtggataaa tcnaacattg      480
nctnagtggg ntcaagacaa ctttgntggg ggttttgntc acaatcatga aaatgggttn      540
gccagataaa tttttgata ttagntttcn tttttnatat annngcgtag gtttgaattg      600
nacnttnaaa tgnntngggg tgtnaagaca ntggnttnca atnnaattta tnacatgaat      660
tggngnctcc cctttggnga aaccttaag aantnttnga tacttcttca taaaagggtg      720
tgngatttng naantttcgg gggttttnaa ttttnttga agcttatttc ntganaatnt      780
acttgntta ccaagcc      797

```

```

<210> 4624
<211> 797
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(797)
<223> n = A,T,C or G

```

```

<400> 4624
ttgtnnnncc cttttnaaat ncctttgggt anttgntctn tttgctngat cccatcgatt      60
cgaattcggc acgagnnngg actaccttnc aaaaccnggt ngggaagcnt gttacagaan      120
tgatntctan tccccctgnat tctggatgct gcagaccaac acctgccnac aanacncana      180
cacacacann caancantat catgtaagac agnncgntna ntnnnnnatt ntntatnctn      240
nncattttacn cantnttgta nantggntca tngtctata natnnttgta antattntnt      300

```

```

gananangac ganantctga atcttaagca tatgctccat cnttnnatat gctntgggtg 360
agaggctngc cntnattcat nttnnccatg agncaagttt aatgcctcta gantacattc 420
tgggcttcaa gcatncttat tttnnaactcc ctgagtgatg ggtggataaa tcnaacattg 480
nctnagtggg ntcaagacaa ctttgntggg ggttttgntc acaatcatga aaatgggttnn 540
gccagataaa ttttttgata ttagntttctn ttttttnatc anngcggtag gtttgaattg 600
nacnttnaaa tgnntngggg tgtnaagaca ntggnttnca attnaattta tnacatgaat 660
tggngnctcc cctttggnga aaccttaaag aantnttgn tacttcttca taaaagggtg 720
tgngatttng naantttcgg gggtttttaa tttttntga agcttatttc ntganaatnt 780
acttggntta ccaagcc 797

```

```

<210> 4625
<211> 1133
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1133)
<223> n = A,T,C or G

```

```

<400> 4625
gctacnagcg gngngaaaa ntecnccct tttnaaagntc cctgggttaa aaaaaccccc 60
ctttttcccc ttttttgggg naaaaccccc ccgggtttttc gennaaaaan nggncccnngg 120
ggggaaacnc cccaanttc ggganangcg caaaaaata ncntggnggn accggngggg 180
ggaagcncnc cncacanncg gagggcacca nttttaccgn gaatantggn nnaggaanca 240
ngncncnntg nttaccgggc gaagcccgga caangcnntn tgggttnanaa nntgggggng 300
gaaancngga tccangggnc cncnacgag cnaanggtag ggannctnaa acaannnaaa 360
ngtggngtcc gntcnaanag ngtnanccc anaaaaaann ncnnggtaag nntgcgnncn 420
atacanaaca naacnnggaa gcngatgaaa taaannnctg tcatnanana ngnnancnc 480
acctggnnna cngggccggg aacncnanaa gggnacana ctcnagaaaa aanaantgn 540
ntngggncgg ggccgtgcn gccacnccaa aacaananga annggatntn gatnnggnaa 600
agaanaaana ttncnaaaan caaannnana atgngnaata tggggggggg aaggganann 660
cgggganngg ggggggatcc nntcctctg ttaaaaangg agngngggna nggggggancg 720
aaaaccnngn naagganccc annatgtgga anncaggttn tagnaaccaa aaaaancggn 780
nntctgnag gngncaanan nancnttant cancccnnga nngccntatn ggngcaagg 840
ggagaaatcn cnggntaaan agggnncccn ggtgggnagt ggtgaaaaaa ancccanggn 900
aaangacnnc aantngggcc ccnnaggggn angaanangg gggaangnta aaaagtggaa 960
accccaaaan nngngaaaag aaggtaat tttggnnaga accntttaan cngagggccc 1020
tccaaaaaaa aaatactccg caaatnancn gaanaentna ctaggggccc annnaganan 1080
aactnntcgn gctananana gtgacatccn ataaaaacgg tntgaacncc ncg 1133

```

```

<210> 4626
<211> 1195
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1195)
<223> n = A,T,C or G

```

```

<400> 4626
agggnnnnnn nnnnnnaggg tnnnnnnnnn ntttttttgg gaaaaagncc ccccnttttt 60
ttggggaaaa acccccctt tttgggggaa aatttgggcn ccnnccccn ttttggtttt 120
taaggggnnc ccaaaaannn nccccctt ngggggggnn nnaaanannn nnnnnncnng 180
ggnnnnnnnn nnnnnnnnnc naaaagnngn nnnnnnnanc nnnntgggnn nnnngnnnn 240

```



```

nnnnntttttt ttgnnnnnnn ccccnannna nnnnnnnngnn nnnngnnncnn ngggnnngngg 300
gggncnnnnnn nnnnnnggggg ggggggnaaa nnnnggngnnn anacnnnnng gggggggaan 360
nnngggnnnnn nnnannnnngg ncnccnannn aancgnnnnn anancnnnnn nganggnnnnc 420
ncnnannang nningnaacnn naccnnnnna cnnngnnngg aannnnngnnn gnnancnnnn 480
nnnnnnncng acgcccccg cccgcnanga ananaggcgg ccaacgnaca ccaggaacgn 540
nggcgnnaaa gcagancagn cgaccnnacg nagnngcngag agcncnagna angaacngag 600
naggganngn nacgnaccan nnnngnaggcc cncgcnnnag agnggcaagn naaacgnncg 660
ggagancaaaa angacacnaa acngncannc gaancaaccg aannangggg nccagccnag 720
acacgangca cacngnaann gagnangnnn acagacgaan nggganacgn nannancaca 780
gnaannngcn naagcccncc gganacaang ggacgnnacn gccngnngcc ncaaaggccn 840
gaagaaannn nngcgagaca nncngcngn gncnnngnan aagaggnaga cangggncga 900
nnnnangggg aaggacaanc aancnaagga gcgcnngnan cacnnnccan nggannagca 960
ncngacaana annnanaacc gnaaacgncc ngaaaagagn annnnagaaa aanngaangc 1020
aaacngaacc ggcacncncc nnnnnncgac ngcagacaga nnagggnncg gncnaacnn 1080
ngagggnnnn ncgaganaca ncggngaang cngnagnaac cgagnaang ncnannngac 1140
nannngnca ncacncnngn gannggcgcn nanaacgcn gncncaaaa nccgc 1195

```

<210> 4627

<211> 729

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(729)

<223> n = A,T,C or G

<400> 4627

```

cttttctaata gcttgggntn gctctttttg caggatccct cgattcgaat acagccctnn 60
cgntgncgct ggntctgatg gctgggntnt tganncgagn ctctngtgna ngtnacacn 120
cnctcacncg acatatggga cattacacac acactcctgc tcaaagtctg taccatnat 180
gngtggaant tctgnaggcc tnagctctgg ccctanggc ggannnnngcn actacttnc 240
atnaccncga caccaagggtg gctatggcct tccnacttn aactacaacg ttggnnngngg 300
canannatcn tnattanna ncaaagctta ncangatagg agagccnnat aanngactgg 360
gaacntactg nnnacancn atctgagaac tcatgcgga catggtggag ncctatntgc 420
tcgaagaaac tgtgttaaca tgnactcatg tgcnnngcctn acactcntng ctgttncntg 480
cnnatngtat acatgtatga cacttctgtc tgtgnaaagt ggaagcattt ctcatcngg 540
ncctatgtct aatnagttnt gacccngnc tgtagtngct aantgnaaca ggnttgatcc 600
ttacnntgaa taactgtcac atnntaatg agctggagaa aagtagtcca anccttagcc 660
cttctnggga aagtttgccc aacngtntgg gagtncaaaa ttnccttttna ggtnaaggcc 720
cctttntnn 729

```

<210> 4628

<211> 911

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(911)

<223> n = A,T,C or G

<400> 4628

```

tantangann nntnnnnnnn nngtntnnnn atcanatnnn nntntntna nngntenttn 60
tntnggggnt naananangc gnnagtntnn gattttgaaa acnttataa gcttnangc 120
nategngttt ntncagggnc ccntcgantn gnnatcgga cgagccggan tacgcctgt 180

```

```

ttgggggttat gtgggtcggg gtggcggtg nttcngcctt cnggggcctt gcngagactn 240
acccctanan cgtcgtgcc cccagctcan ctcttactgc gggcccgntc cnaeggggga 300
ccatnctgtc agggactatg cggcccaaac atctccttcg ccaaaagcan gcgcggnnac 360
cgggcgcate gnggcggnc aatgcccctg aagtgcagg caggagacc agactgntt tggaggtggc 420
accaattcta aatgcccctg aagtgcagg caggagacc agactgntt tggaggtggc 480
ccancattnt ggggtgnang gaaannccna cccaaaatgn ntncgaggac tattgctatg 540
gatggnacan aaggcttggg taagaagccc aaaaaaagta ctgggatnct tgggtgcacca 600
aatcaaaaat ttccttggtt ggtcncttga gaactttngg gcanaaaatc antgaantgt 660
caatttgggn gaaaccctan ttggattgaa angaagggtcc cnatcnaaaa anccaaaacc 720
aaattttgcc tccccnnttc attgctggng gggccttccc aagnaatttt tnaattnggg 780
aaaaattgga agngggtttg gaancnnaag ggaataattt ttttgggtgg naacttgggg 840
tannttcnaa aggggttttg gtccgaaatc cttggcntta ncctttcccn ttnttgcccc 900
aaangggggn g 911

```

<210> 4629

<211> 944

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (944)

<223> n = A,T,C or G

<400> 4629

```

aaaanncann tacnnnnnna annnanatnn tancnaaaan ntnattaann nntnegganc 60
nncnnnnncnn cngttgatcc caancttaat caccntngan tcngatatcc ngagccntcg 120
atgcnncnnt naaacnatnc gnangggnga nccaaccnn gggctctcna angaacngcc 180
cncnggantg acctgnacc ctancaaagc aacnngnccc anctntttga aagggttcta 240
gggcangcga aaaccnaata agnccccctn aaaaccnaca ngaaactngg ccngatccct 300
naanncnccc caagnntgct ncccacntn ggnntnttg cctngnangc tncngnaacc 360
ccctgnaaca tnaaggangc naccaggnaa aacacaanga cattccnccn ttaacntngg 420
aagnaaaagc cnnanntcta aatacanncc caaccagacc cannttgggn ggggtntggg 480
gaaanacctn ngnggggggg gngnaggngg gnntaattaa ngntaanatt antnnccaaa 540
ggnetcccaa aggccttgnt ttnnnccccc ttnnncaaaa aacaaangaa ccttttttnc 600
nanggnctgn nntannnaaa atnnggggnc ccccaaaaaa aaaattncnn tgntanggaa 660
ncaacntag gcttggnat nccccnttaa tcgggggccc tggaaaaaaa ttntaaaata 720
taaaaaattn cccgggggna ttngnaaacn cnntgccngg nnaatttggg aangnnnggg 780
gtttctngtt naaaantngg tngnattnga ccccaaaaat ntttttttna ttatncaaaa 840
nnnngtttaa tccccncna ttcttaaaaa nttatcgggg aancaaaaaa natnggnnaa 900
aaaaaccca nacaanttn ggggaaaacc ccnnttanaa aant 944

```

<210> 4630

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (937)

<223> n = A,T,C or G

<400> 4630

```

gttctaagtc ttggaattna atcgttggaa agagctagng attttngaaa tcggtcataa 60
gtagatgttg tggannggaa nnaanntng gatactgatt ttntaagngt ngttgtgnat 120
tggtcaggaa ttgttnanna ngnanataa anttaantna agatancatg cnantaacnn 180

```

```

agatagaaan aannatgggg gagtntntga tnnnnagnaa ntataacntn ataagntntt 240
attnncttac nanggtaaaa gattttntga aatggatnac tnnntnagtt tnnattntaa 300
tatgggttnna gaancacttt ttnnatgann catngaagat tnnnatann cantatattt 360
tntaannnag ancttanngc atntatggcn atttnatttg tgcttttann taagttttct 420
tggatgnaag ntatatnatt nannatttta tggtanntga ataganantn gtangtaatt 480
ttgatgtant aatagtngnt taatganaan tttttnttaa nannttant tnggntnatt 540
natntgnaan tttntngng ntaataaatt ncnattntt gaaantntnc nttaataat 600
tngtatatta accntngaac aagataatat aattgnaac agntnttatt naatattnta 660
naatantnt gaatanngt anatngggan ataattattg gggtnnatng tanttgtttt 720
cnacgtaana ttttaattng tnaaatntgt attnnnaaan ncttgnntgt aantnattaa 780
ngaccgccta nattttaaagt tnnntagtna ataaattngg ntttgggnaa naaaatattn 840
tatatttata ananatnnna nnaattnnnn tctttaataa atttanangn ntntnatata 900
tntaatnata ttanttataa nttttgtata nnagnaa 937

```

<210> 4631

<211> 937

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (937)

<223> n = A,T,C or G

<400> 4631

```

gttctaatagc ttggaattna atcgttggaa agagctagng attttngaaa tcggtcataa 60
gtagatgttg tggannggaa nnaanntng gatactgatt ttntaagngt ngttgtgnat 120
tggtcaggaa ttgttnanna ngnanataa anttaantna agatancatg cnantaacnn 180
agatagaaan aannatgggg gagtntntga tnnnnagnaa ntataacntn ataagntntt 240
attnncttac nanggtaaaa gattttntga aatggatnac tnnntnagtt tnnattntaa 300
tatgggttnna gaancacttt ttnnatgann catngaagat tnnnatann cantatattt 360
tntaannnag ancttanngc atntatggcn atttnatttg tgcttttann taagttttct 420
tggatgnaag ntatatnatt nannatttta tggtanntga ataganantn gtangtaatt 480
ttgatgtant aatagtngnt taatganaan tttttnttaa nannttant tnggntnatt 540
natntgnaan tttntngng ntaataaatt ncnattntt gaaantntnc nttaataat 600
tngtatatta accntngaac aagataatat aattgnaac agntnttatt naatattnta 660
naatantnt gaatanngt anatngggan ataattattg gggtnnatng tanttgtttt 720
cnacgtaana ttttaattng tnaaatntgt attnnnaaan ncttgnntgt aantnattaa 780
ngaccgccta nattttaaagt tnnntagtna ataaattngg ntttgggnaa naaaatattn 840
tatatttata ananatnnna nnaattnnnn tctttaataa atttanangn ntntnatata 900
tntaatnata ttanttataa nttttgtata nnagnaa 937

```

<210> 4632

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 4632

```

tttngnaaaa annnnnnag aggggttttg ccnaaaaaat nggcccnttt ggggggaaaa 60
tttgcaaaaa atccccnttt ttggggnaaa aaggngggcc nnnannnnnn annngnatnn 120
gangangnna nnaaatnnnn nnnnnngggg ngggngnnan nanntnang ngngaangag 180

```

ggggnaaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannnn	nnnnnnngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cgnnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacng	660
ataatanann	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnnnnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanaentat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnaccgac	nnnnnnngtg	naaaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataaagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4633

<211> 1191

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1191)

<223> n = A,T,C or G

<400> 4633

tttngnaaaaa	annnnncnag	agggtttttg	ccnaaaaaat	nggcccnttt	gggggaaaaan	60
tttgcaaaaa	atccccnttt	ttggggnaaa	aaggngggcc	nnnnnnnnnn	anngnattnn	120
gangangnna	nnaaatnnnn	nnnnnnnggg	ngggngnnan	nannntnang	ngngaangag	180
ggggnaaaant	tanannanna	gnnnnnnnnn	tntanannng	nnnnnnngna	nnanannggn	240
gtttanannnn	nnnnnnngn	nangnnnnnn	gnaangggag	gggnnaanan	nnnnnanana	300
nagggggggg	ggngnanacn	nnnntanacg	nggngggggn	nnnannnaaa	ngagganann	360
ncnagnnaga	nannananan	gagaannana	naanannann	angagantan	nnnaannata	420
nganaagagg	nnaaaggnac	cgnnaggngg	gggnntgnta	nacannntga	nntnggcna	480
ncaacnaatc	anacatgact	gagaatnggn	ntacnaanta	nnaananta	nngagaantg	540
ganggaaaga	ngantcaaga	atanaaaagg	acaacatgag	naaanaanga	cacgntatnc	600
gaanatnnga	agaaananaa	anagncggca	aanatangnt	gaatagnaaa	tnnnnacng	660
ataatanann	annntanann	nagnnaccat	ctngaagcaa	gagtnactnn	gtnaaacgac	720
antanatnng	agnagagnnn	ntnnnnnnnt	tcnantagng	gnagacnacn	atannantan	780
tgnntanaat	nctncgaaaa	tntaactanc	naanaentat	atgaatgaga	nnnatatcta	840
ntnngagaca	ntncnaccgac	nnnnnnngtg	naaaaannnac	annannngtg	ntganancnn	900
gatgtgtcac	acacangntg	ntnnactnta	nnnnattaga	cntnangana	nantatccga	960
gntnnannan	naanantnnt	gananatcta	gaaatatnga	tnacanatna	aaananatat	1020
ntctagcnca	tcatgagata	tncnancaga	ngctgancng	aagatanncg	agagtctacn	1080
tanatncana	ntaactgnat	nnanataaagc	annatgatan	atantgncgt	nancnnnagn	1140
taanggagaa	gactanntng	tnatcnntn	gaaancctaa	nanacatgnc	a	1191

<210> 4634

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(756)
 <223> n = A,T,C or G

<400> 4634

acttagangg	ntgaagtga	anncccttct	gcaggaagcc	catcgattcg	aattcggcac	60
gagagcagac	gttgaaggca	ttcagtataa	anttttttga	acatttcacc	atggagtcag	120
ggttgatggc	atagcttgga	gcccagagac	tagacttgat	tcattgcctc	cagtaatcaa	180
attttgtact	tcagctgctg	atatgaaaat	tagattattt	acttcagatc	ttcaggataa	240
aaatgaatat	aagggttttag	agggccatac	cgatttcatt	aatgggttgg	tgtttgatcc	300
caaagaaggc	caagaaattg	caagtgtgag	tgacgatcac	acctgcagga	tttggaaactt	360
ggaaggagtg	caaacagctc	attttgttct	tcattctcct	ggcatgagtg	tgtgctggca	420
tcctgaggag	actttttaagc	taatggttgc	agagaagaat	ggaacaatcc	ggttttatga	480
tcttttggcc	caacangcta	ttttatctct	tgaatcagaa	caagtgccat	taatgtcagc	540
acactggtgc	ttaaaaaaca	ccttcaaagt	tggaccctgt	cgggaaatga	ttgggtaatt	600
tggggatatt	actcnggcc	agttattcct	caaaataaga	gaccctgtca	catggatccg	660
agcctgctta	attcangggg	gnccacaatt	taggggaaaa	tctggttnca	acccactggg	720
ttatncttgg	ccaaaatggg	ccaagnccag	tttnat			756

<210> 4635
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 4635

gnnnannnnn	cnngnnnttt	naannccctn	tttcaaattgc	ttggctactc	gttctttttg	60
caggatccca	tcgattcgcc	aatggatgca	gganaactga	gatgggattn	ccncacgttg	120
cccaggctgg	tctcctgagc	tcaaagcaat	ccanattgct	gggattacag	ctgngagcca	180
ccgtgcctgg	ctgagatgac	ttttaaaaan	ggactnctct	aaagtagaag	gaaggggtgga	240
attgtatgca	caagaagaaa	aaaacctgna	agaaaaacat	actaaagagg	ctggagtgca	300
atggngcgat	cttggctcac	cgnaacctnc	gcctnccggg	ntcaagtgat	tctnctgcct	360
nancctccca	ggtagctggg	attacaagca	tgggccacca	cgcctggcta	attatgtatt	420
tttagtanag	acggagtttc	tccatgttgg	tnaggctggt	ctcgaactac	ccgacctcag	480
gtgatccacc	cacctnggnc	tcccacagtg	ctgggattac	aagcatgagc	caccgtcccg	540
gnctccctgt	nncagnntct	ataatntgtt	cntattatat	tctgggtata	tgtnggnngt	600
gtgattattc	atgtgganct	attntcacat	tctttgnatt	aactatnatn	gtccttnaat	660
ggtntaaana	naaagtttca	ttcctacaaa	agnnggtttt	ggtccaaata	accncggggt	720
ttcaaggtta	accaatcntt	gaaaaaaaaa	accttnantt	cnattntaaa	aaatnaacca	780
ttttaaaant	tngccnantn	ccanttttaa	acattaaaaa			820

<210> 4636
 <211> 778
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(778)
 <223> n = A,T,C or G

<400> 4636

ttctaattgct	tggnttnaaa	ccctttttaa	ncccttgcac	ttgctctttt	tgcaggatcc	60
catcgattcg	gagaggagca	gggtgcagtga	ttcataccca	ctctaaagct	gctgtgatgg	120
ccacccttct	ctttccagga	cgggagttta	aaattacaca	tcaagagatg	ataaaaggaa	180
taaagaaatg	tacttccgga	gggtattata	gatatgatga	tatgttagtg	gtaccatta	240
ttgagaatac	acctgaggag	aaagacctca	aagatagaat	ggctcatgca	atgaatgaat	300
accagactc	ctgtgcagta	ctggtcagac	gtcatggagt	atatgtgtgg	ggggaaacat	360
gggagaaggc	caaaaccatg	tgtgagtgtt	atgactattt	atttgatatt	gccgtatcaa	420
tgaagaaagt	aggacttgat	ccttcacagc	tcccagttgg	agaaaatgga	attgtctaag	480
ccaaaagaaa	gtctaattat	atacagaaga	taaagctaaa	cgtaattatt	atttaaata	540
aagctatttt	tttaaata	ttgaaatttt	tcatgatgct	actaatttgc	cactaaatac	600
tgcaaatggg	cacctgnat	ctcttctgac	attgggatgt	tatttgctta	tattcttata	660
attttnaaat	gaaggcacag	tngaaatgga	aaattttatn	ctcnatgggt	cctgggtatt	720
tttaaattct	taaccancaa	aattttggcc	ttaantttct	ttttatatat	accncnn	778

<210> 4637

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (750)

<223> n = A,T,C or G

<400> 4637

ttnaaaatcg	cttggcnact	cgctctttct	gtnggatccc	atcgattcga	attcggcacg	60
agccaaaatg	gggtggggcg	cagtggctca	cgctgtaat	cccagcactt	tgggaggccg	120
agggtggcgg	atcacgaggt	aggagatca	agaccatcct	ggctaacacg	gtgaaaccnn	180
ggtctctact	aaaaatacaa	aaaaaaaaa	aaaaaaacta	gccaggcatg	gtggcaggca	240
cctgtagtcc	cagctaactg	ggaggcagag	gcaggagaat	ggcgtgaacc	tgggaggtgg	300
agcttgcagt	gagccaagat	cgtgccactg	cactccagcc	tgggtgacag	agtgagactc	360
cgtctcaaaa	aaaaaaagaa	aataggcaca	ataagtaata	catttctgcc	caagtaagag	420
ccttcccttt	tgtggatgta	atgaaaatat	cttcaagcac	ttataaata	aattatatgt	480
ctgatactag	ccttccattg	cctggatcac	atctgattgt	cctggtaatt	tgagaaaagg	540
gtagccctt	ggtatggata	gtagcttgat	gacatggaat	tcanggaaaa	gactatgatg	600
gtgtcacttg	taactgcttt	tgggtgctgta	aaatggcatg	gatttaagaa	gagaattggc	660
tgggtgccgt	ggcttacacc	tgtaatccta	cacnttggga	ggccaaagtn	aggctgcttt	720
gaccagaat	ttcagacca	cctggccaan				750

<210> 4638

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (827)

<223> n = A,T,C or G

<400> 4638

ttnnnnnnnn	tnttcaaate	ctttgctact	tgttcttttt	gcaggatccc	atcgattcgg	60
gcgaggagag	agaagctcaa	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	120
attccagaga	aaatgagtga	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcaa	ntgctggggc	cggcagtggg	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360

cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cgtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcacatcgaa	cagaggagga	ngaggaagt	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgcctg	gaacctggct	cgtgcttggt	accagaagg	aaaaggcngc	600
tgttttggct	ctttcttccc	cgcaanggac	cccgnttgac	ccgccttgg	attggaagaa	660
gccaaaagg	agaaccccc	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg	720
ggcanngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	780
angncacctt	gnccnttgg	annaacanc	attccggngc	ttcntcc		827

<210> 4639

<211> 827

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(827)

<223> n = A,T,C or G

<400> 4639

ttnnnnnnnn	tnttcaaate	ctttgctact	tggtcttttt	gcaggatccc	atcgattcgg	60
gcggaggagc	agaagctcaa	gctggagcgg	ctcatgaaga	acccggacaa	agcagttcca	120
attccagaga	aaatgagtga	atgggcacct	cgacctcccc	cagaatttgt	ccgagatgtc	180
atgggttcaa	ntgctggggc	cggcagtgg	gagttccacg	tgtacagaca	tctgcgccgg	240
agagaatatc	agcgacagga	ctacatggat	gccatggctg	agaagcaaaa	attggatgca	300
gagtttcaga	aaagactgga	aaagaataaa	attgctgcag	aggagcagac	cgcaaagcgc	360
cggaagaagc	gccagaagtt	aaaagagaag	aaattactgg	caaagaagat	gaaacttgaa	420
cagaagaaac	aagaaggacc	cgtcagccc	aaggagcagg	ggtccagcag	ctctgcggag	480
gcacatcgaa	cagaggagga	ngaggaagt	cccagtttca	ccatggggcg	atgacaatgt	540
ttgccacagc	cttntgcctg	gaacctggct	cgtgcttggt	accagaagg	aaaaggcngc	600
tgttttggct	ctttcttccc	cgcaanggac	cccgnttgac	ccgccttgg	attggaagaa	660
gccaaaagg	agaaccccc	tttccggaac	ccggtttaac	aagntccctt	ggtntttttg	720
ggcanngnt	tttngggaaa	cccttgaang	gggccctttt	ttcccttggc	aacnttaaaa	780
angncacctt	gnccnttgg	annaacanc	attccggngc	ttcntcc		827

<210> 4640

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4640

tnttttcaaa	tngattggct	acttgttctt	tttgcaggat	cccatcgatt	cggaactcag	60
aacactgagt	ccctatttga	tgtaaaaata	tgaccgttaa	acttctgggt	aagataatga	120
atggcactat	ggtttatact	gtttctgttt	tatgggctct	tccagagacg	tgaactggaa	180
aacnctctgc	agtgtctggg	attcgctcag	tgctgcagg	gagggcagg	gtgaggggaa	240
tggccctgga	gggtgatggg	gctggggcat	ccgatgcagc	tttatagttc	tgtaattacc	300
actttttaa	tttttattac	gaaaaatgtc	aaggacctg	gaattacgg	gaggtaggca	360
ggataatggc	ccccaaagat	cccggtgtgt	gacccccaga	ccttgtgagt	gcctcacatg	420
gggagattgt	cctaggtcat	cttgcangcc	cagggcagcc	ccatgggccc	ttaaagcttg	480
agagcctttc	ctgctgagtc	tgagagatgc	canaagcagg	agagggttaga	acccgangag	540
ggcccgcttc	tgcgctgctg	gccttagagg	aaggcccgan	gantgtgggt	gcccctaagc	600

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agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanaagcc 660
cccattatgg aggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
ttcacaaatt gtnaagcctg agggttttgn gtangnaccc atnaaaaan 769

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<210> 4641
<211> 769
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (769)
<223> n = A,T,C or G

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<400> 4641
tnttttcaaa tngattggct acttgttctt tttgcaggat cccatcgatt cggaactcag 60
aacactgagt ccctatttga tgttaaaaata tgaccgttaa acttctgggt aagataatga 120
atggcactat ggtttatact gtttctgttt tatgggctct tccagagacg tgaactggaa 180
aacnctctgc agtgtctggg attcgctcag tgctgcaggg gagggcaggt gtgaggggaa 240
tggccctgga ggggtgatggg gctggggcat ccgatgcagc tttatagttc tgtaattacc 300
actttttaaac tttttattac gaaaaatgtc aaggaccctg gaattacggg gaggtaggca 360
ggataatggc ccccaagatg ccctgtttgt gacccccaga ccttgtgagt gcctcacatg 420
gggagattgt cctaggtcat cttgcangcc cagggcagcc ccatgggccc ttaaagcttg 480
agagcctttc ctgctgagtc tgagagatgc canaagcagg agaggttaga acccgangag 540
ggcccgccacc tgcgctgctg gccttagagg aaggcccgan gantgtggtg gcccctaagc 600
agcttnggac tggggacctt cgtcccaccc tgcaaagaaa ctggaattct ggcanaagcc 660
cccattatgg aggaaaaggg aaggatcctg cccttggcag nacctttgac cctntggacc 720
ttcacaaatt gtnaagcctg agggttttgn gtangnaccc atnaaaaan 769

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<210> 4642
<211> 772
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1) ... (772)
<223> n = A,T,C or G

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<400> 4642
ttatttgaac cctnnccent tcaaactcct tgtttttttt gcaggatccc atcgattenc 60
ttttccatga ctccaggctg tgccctctct catgtttggt cccttctgtg cccatgggtca 120
ggagctatcc ggggtggcacc tngctggcca ggctctcccg agtcgtggca cctccacaat 180
gtgaattttc tgaatcccta ttccaggatt nctgggaata atgtttactt ctanaatggn 240
cctgntgtaa accatctcat cnaggtgtgg taaagccatt gnatgatgag gggactgcca 300
tggaaaggag agtttggttac ttacggttct gagaggaggg gccacatagg aaagccccac 360
ggtgggtcac aaagcgggaag gagggagggg aacgtgtggg cttgnttttt ctngcacatc 420
tctgaagagt tnttaatctt cactcatcat gtgccaagaa gtgncatcat aaaangaaat 480
atnttttttt cctaggagca gngttaaaat ctgggtcaca ttccctgacca aggacagcat 540
cctgccttnt gcccatncnc ttcagttcac aaaagctgac attttaaaca aatcatgact 600
cacacgtntt aattgggtat aaaaaatggt ngggtacacc tgggttagata aaaacttaan 660
ggccacaang gangggcccc aaggtanncg atgtcaagtg tgtnaaaggg gcctggattg 720
ggccttggnn aanggatatt tgggcaaaac ccaaaanttt ttnggcccc nn 772

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<210> 4643
<211> 710

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<212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 4643

nnaacngaac	cttgcanttt	gaattccttt	acgcatncgc	angatcccat	cgattcccag	60
anatgcncac	cagccctgca	cggnagggtt	ttcctgaacc	tggtctcatg	atanagaanc	120
ncacgagggc	ataactgect	gtccgngaaa	anccaagcta	nccnaccttg	gtcnnctttg	180
ntgtgnnnnc	nnntntgcna	agntgggtgaa	aaagaaagag	atccngacca	nagaacttct	240
nnanggatgg	acntgctnac	tggggaatgn	gncgcccncn	ntacttgca	antanattcg	300
aaanngtgna	ggntacacga	cattntgacc	cgetcaaatt	gcagggctcc	tnacgcnacg	360
cttctntage	tttctacgtt	tentntenc	caengtngac	gcntttcccc	gggaagntct	420
aaataaatgn	gctccntnta	nnntnecgat	tcnatcgcta	tacagncc	tgaanaccng	480
aaaaaatttg	cnggnntgtg	gtgcacgtaa	anggccnctn	ncngggaaca	gttattgacc	540
tntnecgatg	aaancanggn	tttaaactgg	ntcnnngngg	aaentgaaca	nactaacctt	600
cnagtcnatn	ttttttgggt	acggaanntn	taantgggct	nncttnanaa	tctctgatan	660
natggtagnn	gactncacga	ttaanctaca	atcnttcttt	tngggggaat		710

<210> 4644
 <211> 1315
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1315)
 <223> n = A,T,C or G

<400> 4644

anggnnnnt	ttttttnnnn	ttttttnnnn	ccccnttnn	tctacnnnn	gtgggaaaaa	60
aaaatccenn	cntttttttg	ggggaaaaaa	aaantcccc	ccccennnt	nnccggnncn	120
nntttttttt	tgggggggnn	ngtnnaaaaa	nngnnnnnnn	nccccnnnn	nnnnnnnnnn	180
nnnnnnntgn	nnnnancngn	nnagnnnnnn	nnntnttnnn	nnnnnnnnnn	tnnnncnnnn	240
nnnannntt	ttgnngnngn	nnnnnnnggg	ggggnttttt	ttttttttgg	ggnnanggnn	300
nnccccnnnn	annnnnnnnn	nnnnnnnggg	nnnnnnnnnn	nnnnngnnnn	nnngggggggg	360
gnnnnnnnng	tttttttnnn	nnnaannngn	nnngnnnnnn	ngngggggnn	nnngnnnnnn	420
nannnnnanc	nnnnnnnnnn	nnnnnnnggn	nnnnnnnnnn	nnanannnnn	nnnnnnnnnn	480
nnccgngggg	gggggggggg	ncnangcngt	naggggancc	acgagnngga	ggngtggggc	540
cannatgtcc	ttngancg	tctgcnagna	acnctncgag	gatgancnan	agnnccannn	600
anggnncngg	ccagnntagc	ncagnnttct	nannnctaan	tgngcggatc	anggggnntn	660
tnccctaatag	ngtgngggct	aanannatgn	atggngnnac	tgatggngaa	acannctna	720
ncgtantncc	angtagtgaa	tgctggntta	ntnnntttag	nggntnanta	gcannngcgg	780
nnaacnnann	gtggntcntn	nannnnantt	gnnannngnn	gggnttcnnc	ntnngnagan	840
ngntntnagg	ngncnnnncg	ntaaagtcen	nnannangtg	tnaanctnn	ctnaancggg	900
tatannnnnn	ntnnnngggg	tnnnngnntt	cnnnannngn	nngnnannnt	gnnnnnagtn	960
tgngnntacg	annangtnna	nnancangnn	annnattgt	nnnnngnnnn	annnnnnntn	1020
tctgaactcg	tacnnngana	ncnnnggttn	nngcctcaca	nngtatngta	ngctgnnagn	1080
gnantatann	ntaagnantn	ttcntnnncg	antntntnnc	gtnaacgacg	atntnngtan	1140
ncnccgnntaa	nngentaann	gcanatangt	natagngaga	ttcctnagtn	gaccnagggn	1200
atgatatnaa	ngntcangna	nnnannntnn	nctntngact	anangagann	atgananatg	1260
gntnnctngt	gnnnagnatn	tgatntctcg	ntgctcncna	gnaggntaac	acacc	1315

<210> 4645
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4645

ttgaaanncc	cnttagnnnt	tnnttnncnn	netctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tccaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgcctcttta	actcagttaa	gttgttctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttggnta	ccttggncct	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnttta	aataatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4646
 <211> 791
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4646

ttgaaanncc	cnttagnnnt	tnnttnncnn	netctcaaaa	ccctttggca	actngctctn	60
tntgcaggga	tcccatcgat	tccaattcgg	cacgaggctg	ccacaggggg	gcaatcttta	120
tttgtcttac	ttcctacccc	ttccctgttc	tgcctcttta	actcagttaa	gttgttctgt	180
ttgggacctg	gaaaagaacc	caaagaaaac	ctgaccggac	aggttcattt	ctggaatgca	240
gaaaacattt	taaaggctag	atTTTTtagaa	tattctcaac	tagcattctt	tccattgatt	300
tgaaggggaa	attaactatt	ataatctctt	gaatccaaaa	ctggatatta	agaactttcc	360
cccttactaa	gtttaagact	tttgtcatgt	ggtgagtcaa	ataagaccat	tttgattgta	420
aaccataaaa	tagttcagca	agtagcccac	agttctggcc	taacagcaga	cttgctgntt	480
tcacttggtg	tcctggagtt	gggttgctaa	ccttaatttc	tatgatgttt	tctaaaatga	540
aacttgataa	agtagaccac	cagctgcacc	cgtgttttct	gnaaaagtat	tggtagtaag	600
tggccaagag	acttgaggaa	aataccagat	tttttggnta	ccttggncct	ggtttaagtc	660
ttaaaaaatt	aaagataaca	ttataatgna	gaatcanatg	gggcatannc	cttggaaagc	720
ctnccttgaa	aaaggnttta	aataatttang	aagcctttaa	aagacactta	aatggaccct	780
naaagacanc	n					791

<210> 4647
 <211> 1427
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1427)
 <223> n = A,T,C or G

<400> 4647

nntnttttng	gaaaaanttt	tccccctttt	ttactnntaa	nacctccggc	cattggccct	60
gggccagggg	gttccgggga	acnttcttta	aggnangggg	naatncccc	ccgggggttt	120
aacccgggaa	ggcccttcg	gaaaaattnc	cgccccctt	taattaaggt	gggaagnttn	180
tntttatttt	aacaaaaatt	ncaacttggg	gccccgtccg	gtttttttta	caaaacgggt	240
ccggttgga	cttgggggga	aaaaaaaaacc	cccttggggc	ggtttacccc	ccaaaacttt	300
aaatcgggcc	tttggaagc	caacaatccc	ccctttttcg	gccaagcgt	tgggcggtta	360
ataagccgaa	aagaanggnc	ccggcaaccg	gaatccggcc	ctttcccaaa	caagtttggc	420
gccaacccct	gaaatnggcg	gaaatnggaa	cgccgcccc	ttgtaagccg	ggcgccaatt	480
naanccgccc	ggccgggggtg	gttgggtngg	gttaacgcgc	ccaagccggg	nggaanccgg	540
ctttacaact	ttggnccaag	ccggccccct	taaaccggnc	ccggctttcc	ttttttcggc	600
ntttttcttt	ttcccccttt	cccttttttc	tttcggncce	caacggnttt	tcgggccccn	660
gggcnttttt	ttcccccccc	gggttccaaa	aaaangggnc	ccnttttttn	ntttttttna	720
aaaaaaaaaa	aaaaaaaaaa	aanatcnggg	ggggggcctt	tncccccttt	ttttaagggg	780
gggttttccc	ccgnaaat	tnaaaatngg	gccntttttt	taaaccgggg	ggaaaacccc	840
nttttnggga	aanccccccc	ccnnaaaaaa	aaaaaaaaacc	tttttgggaa	anttttaag	900
ggggggggttn	ggnaaaaatng	gggttttttc	cnaaacccgt	ttaaaanttn	gggggggccc	960
caaantttng	ggccccccnt	ttggaaatta	aannaaaccn	ggggnttttt	tttttttccg	1020
gnccccccnt	tttttttgna	aacccttttt	tnggggaaaa	ttccccccaa	ccgggttttc	1080
cnttttttna	aaaaaaaaag	gggggggaac	ctttnttttt	gggttttccc	cnaaaaaaac	1140
tttgggggaa	aaaaanaaaa	acaaantttt	taaaancccc	ccntttttnt	tttttttttg	1200
gggggggggg	cccnnaaaat	tttccctttt	ttttttnggg	gaaaattttt	ttaaaaanaa	1260
aaaggggggg	ggaaaatttt	ttttttggnn	ccccgnaaaa	tnttttttcn	nggggggnccc	1320
cnttaatttt	nggggggntt	tnaaaaaaa	aaaaaaaaatt	gggggggncc	ttgggggnntt	1380
ttttttaaaa	ccnnaaaaaa	aaaaaanttt	ttttnaaaac	ccgccc		1427

<210> 4648
 <211> 1505
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1505)
 <223> n = A,T,C or G

<400> 4648

tttttnccca	aaaaaaaaaa	tttnggnccc	cctttttttt	ttttnaaaaa	aaaaaannnn	60
ngncccccn	tttttnaggn	nnnnnnnnnt	tttttnnnaa	aaatnanmcc	ccccnntnan	120
nttttttttn	cccttaaaaa	aanagnaacc	ntttnggggg	caaaaaaat	cccntccnan	180
aaaatttnaa	tnccatacaa	ttaaatnnag	naannngnncn	nnaangnnnn	nnnaaannnn	240
nnnnnnnaaaa	tntannnnang	nnnnancnna	naannngnnc	ngnaaanngg	ggacaccnng	300
nnnnnnntggn	nnggnttnaa	atgnccnnnc	cnnnnaaggn	ggntngtncn	aaannnttn	360
gnaannncac	attngnnnna	ncnanaaann	gnnnnnntnn	acctnaacan	tggggannnn	420
nnnnnnntnn	naanacnnca	tnananaaan	anganntgcn	caannnaann	aagnngnaan	480
annnanatnn	acnnnaagca	cnaacnnncn	ncnanaaaaa	aaaccnngnn	acacntgnta	540
ccactcangg	ctngnacnt	tatgngnncn	atngatgnnn	annggnccga	ctacanann	600
nngnnccaag	gnccacagan	ccacnaatca	nacntngtaa	tnaatgcan	cnngnncngc	660
aatannnaga	ccacnttnnn	natgacanng	caaanacngn	cannntanca	annggaangt	720
agtnacagta	acatanganc	ctnaantaac	ctatagcngg	gatnccagaa	ctaaaatact	780
ntanctacat	gnaacnttat	naataagaan	annggatnaa	atannatagt	aatgngnntc	840

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ttanatnata tctcaciaaac negatcntag aaataaataa atcgtagnan ttnttatatc 900
natanaaanag attcatatan antnatatat ctatataatc antatataaaa caacatatag 960
nnntataaaa anaaataacta aaaantcaan anntanatta nactcnnaan ngaggggcaaa 1020
ataanncgna gnanaatata taagtntnnan tcacatanat nnanaaaaaan atatacaata 1080
tanannaaaa aananatang aaaaananaaa anctaaatan naacnnatan atataaaaata 1140
tantcnnaaa acaatatata anatanaaat cnanatntan nganataaaag atnaaaanana 1200
tnntntaanc ntncnnacac ataantntaan ntaatnnana aaantnanct tannngtgan 1260
aanactanaa anactnaaan nnnatcaaat atanggnaa naatatanaa tatataacna 1320
atngnaaaca ttcaaanact annanatnna naaananatc ttaataanaa atatananan 1380
ataanaataa taagannta aanactaaaa cacctatntc taaagtcact anactattng 1440
nnanacanat ctataatnna annataaaaa aatatgnnt nnnanaataa tattntatcn 1500
annnc 1505

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<210> 4649
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

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<400> 4649
ttantcatcn ctcttgtttg antncntac aactacttgt tctttttgca ggatcccatc 60
gattcgaatt cggcacgagg tgagccgagg ttgcgccatt gtactccagc ctggggcaaca 120
agagcaaaac tctgtttcaa aaaaaaagaa agaaagaaaa ttacctggaa ttcaatattg 180
ccatcggtcg atttaattct aatatgaana aaggggcagt gtgatgtgcc atggagcatn 240
cacaacctgc catttcaccc accaacctta gaaagccatt gaaaagagtt gtttttaatg 300
gtgtttttac atccagcttc ccacacctca aatacttggg gtggaattgt taatctcaca 360
ttgcagtaca atgaaaatag tggaatggaa atcaagttat aaaatggagc taaatatctc 420
ttctgcttgc ctctgagttg acaagatacc ataagatact gtacatgagg ctgggagccg 480
gtggctcacg tcttatttct tctgcttgcc tctgagttga caagatacca taagatactg 540
tcagaggct ggggtgcagt gctcacgct gtaatcccag cactttggga ggggtgaggtg 600
ggcagatcac ctgaggtcgg gagttcaaaa ccagcctgac tgacatgnag aaacccctc 660
ttttctaaaa aatcaaaaant agcccaggcc ttggtggtgc atgcctataa ttncagctac 720
tcnggaagct tangcangga aaaaaaaaaa aaatttccn 759

```

<210> 4650
 <211> 917
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (917)
 <223> n = A,T,C or G

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<400> 4650
ccnctnntt tcccccttnn nnggtgggna aaanaaccnn cttttttgaa aaaaaacccc 60
cccccttttt tggnaaaaaa ccccccggtt tacnanaaan acnggncncg agggggganc 120
cccccnccc ngggnngggn gngangcnnn nactngncna cnccacggcn naacacnaa 180
aaactngggn gnggattnta ttgagnggna aaagggacga nggctgngca nagnnagaga 240
aanngggcna gcccggnaac gacgganggg naaaaatatg gggggnnnaa ngacaaaagg 300
aggccctgcy cnaanccgaa ccatnannan ncccacgtag cccggcccn ccnacgaacc 360
aanncctaac agaancaana tngggcnggg anaaacagnn naggnaaaca aggattcgag 420

```

```

aggangaggg gggaacaagc antngtgggn gangtnanan aacangggga ttttcnaatg 480
agaanaatgc anggcngaen natecncgtg ggnatggagg gnacttgenc cgccagatcg 540
cataaaacgc acgcaactgn gccacaaaca tacggangan tnggcaannc naaannngnn 600
gccccgantr acctgaggag ggancataang ctttgggaaa agaacaaaan acctnggacn 660
ggacaagggg gaaggatgaa cangaagacc cggaacaag aggaagggga nncgccncta 720
aanntaaaca catccaaang cgnnaagggg aanccttngg ncnaanngag gaaacctgna 780
ccctnacntc caaacncnng ttttaagaaa gggggaaaac caaccnntga agcnantncc 840
ccccnnnggg ggnaaannaa cnacctgggc ccaannntt tgaangaacn gananggnaa 900
acnaagggna atggggg 917

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```

<210> 4651
<211> 1282
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1282)
<223> n = A,T,C or G

```

```

<400> 4651
agnnnnnnnn nnttttttggg aaaaaccccc cttttgggna aaaaaanggc 60
ccccgagggg nntttttnaat ttaccccctt cntnnttgca aaaanccnnc ttttggggaa 120
aaaaaccccc cacancnncn nnttttttngg gnnngnaaaaa aggnancccc nnnnnnangg 180
nanctannnn nnnnnncnnc nggcnnanng nnnngngngn cnnngnnngn cnnnnnnaan 240
nnnnnnnggg gttttttnan nncncnnnan cnannnnnnn nannnnnnnn ngnnnnngng 300
nncnagnncg ngggggggnn ncangnanaa nngggccnng nnnngnngnang naanngnnna 360
gngccaanna cnannaaggn nannaangga ccnnnnnana nnnanangcc ncccccccc 420
canaacaagn acccatgacn nnnaatgacn aggcctagg naccanaaan ccaagccna 480
ngnananctg nncnaggcca ngaacaccag ccaaagaann gagcacccn aaccacnagc 540
ncancnaggg aaancaggnn caaaggncaa aggnaactaa ccaaanaacc ccantaagg 600
gcaaaaaaag cctnggagcn gcgagnanaa nnaaaaangc ctaaggngnc cnanggccng 660
aaaaaaagang cgnanaannc aagggaccan aagagnaaan naangnccca antcncannn 720
aannananag ngcnccccca accannaaga tcnnaancn ggggnannaa acnngancaa 780
tcgnncnncn nncncnannc ggnacnaaan aaaaaancgg ggngaccaag nccnaaangc 840
angannanaa aanagntaca ngntcgnnca tnaaaacnan ancacngaa aancacacn 900
caanncaanc ngnananngg gggagagnnc acnnaannga nanaaannac nacncaccac 960
anaaggngan cnacnggccn ggannnanac aananggcen aaaaanngagn caccgcagna 1020
ancngcgana nngcgcnnc cnanaacggn agncnnaaaa gaaaganacn aannacangc 1080
anngacncac gancnananc cccaaacnag gnnanacnca anacacntnn ngcaganana 1140
accacnnnag nacacncaca cgctacaagn gnatnanagc nantatagan antacanacn 1200
cnanacanac ngcatnannc acaacnatac ngacanacng canntgaaaa atnnggaann 1260
nanagaacgg agagnacaac cn 1282

```

```

<210> 4652
<211> 1282
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1)...(1282)
<223> n = A,T,C or G

```

```

<400> 4652
agnnnnnnnn nnttttttggg aaaaaccccc cttttgggna aaaaaanggc 60

```

```

ccccgagggg natttnnaat ttacccccctt cntnnttgca aaaancncn ttttggggaa 120
aaaaaccccc cacancgncn nntttttgng gngnnaaaaa aggnancccc nnnnnnangg 180
nanctannnn nnnnnncncn nggcnanng nnnnngnggn cnnngnnngn cnnnnnnnaan 240
nnnnnnnggg gtttttttnan nncncnnnan cnannnnnnn nannnnnnnn ngnnnnngng 300
nncnagnncg ngggggggnn ncangnanaa nngggccnng nngngnang naanngnna 360
gngccaanna cnannaagn nannaangga cennnnnana nnnanangcc ncccccccc 420
canaacaagn acccatgacn nnnaatgacn aggnccctagg naccanaaan ccaagccna 480
ngnananctg nncagggcca ngaacaccag ccaaagaann gagcaccccn aaccacnagc 540
ncancnaggg aaancagggn caaaggncaa aggnaactaa ccaaanaacc ccantaagg 600
gccaaaaaag cctnggagcn gcgagnanaa nnaaaaangc ctaaggngnc cnanggccng 660
aaaaaagang cgnanaannc aagggaccan aagagnaaan naangnccca antcncannn 720
aannananag ngcnccccca accannaaga tcnnanncn ggggnannaa acnngancaa 780
tcgnncncnn nncncnannc ggnacnaaan aaaaaancgg ggngaccaag nccnaaangc 840
angannanaa aanagntaca ngntcgnnca tnaaaacnan ancacngaa aancacacnn 900
caanncaanc ngnanannng gggagagnnc acnnaannga nanaaannac nacncaccac 960
anaaggngan cnacnggcn ggannnanac aananggan aaaanngagn caccgcagna 1020
ancngcgana nngcgcnnc cnanaacggn agncnnaaaa gaaaganacn aannacangc 1080
anngacncac gancnananc cccaaacnag gnnanacnca anacacntnn ngcaganana 1140
accacnnnag nacacncaca cgctacaagn gnatnanagc nantatagan antacanacn 1200
cnaacanaac ngcatnann acaacnatac ngacanacng canntgaaaa atnnggaann 1260
nanagaacgg agagnacaac cn 1282

```

<210> 4653

<211> 1356

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1356)

<223> n = A,T,C or G

<400> 4653

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tttggggaaa aaaaaaaccc cccccctttt tgggggaaaa aaaaanngnc cccccngaaa 60
ggngnnnctt ttttggnaaa aaaaccccc tnttttgttt ttgcnaaaaa aaaccncnt 120
tttggggnaa aaattncncc ccnannnnng neccnantnt ttgnnngaann nggaanangn 180
nnanannccc nncnnnnnnng nnnnnnnann nnnnnnanga nnnanaanag gnnnnncannn 240
nannnnnaann ananaatnnn nttnannnnn nnnngggggg ggcnnatann anannnanna 300
aaaaannnna annaaaacca nangggngna nngnnaanan acnnnanaan aannannnna 360
nnnanangga aaanannnaa nnaaannana agannnnnn nacaaanncn naaannngna 420
acnannnnng naaacanagn aaanaggaan nnanacnacn caaaaaaaca cngggacnaa 480
naacangana gnatnnnaca agncaanaca acgaagaaga cnnataaaca ngcacaaaat 540
aancaangaa agngnaangn gnaaagnacn anggnaanaa nngaatacag gaaaantnan 600
ataaagacaa ntngaatag nnaacancaa atcaanaang naaggaaacnn nctanacaac 660
acccaanann gaaancaaga tanatactag anntanggna caanagnaaa aannannnnn 720
cangctanga ggannngnng aaacgaaaan nacaacaaaa cgacaagaga ncacaangan 780
gaataaangc aananacacn aanacgaaan caaaagaang naccncnna gaanaagaga 840
cnnnngaang aancgaaaana nnaacgcnaa cagacnannt aaggacncac ataangaanc 900
anagaaanga cgancnagan aggggnaaan anancnccag nagctaacaa aacagnaana 960
tanngcacnt annagatnna nnanangaaa canacaangc aagngcatnn aaaganaaag 1020
aataanaana cannnannan aggccnaaga annnaaanac naaaatanaa aagnacatag 1080
acatanacca nacagnnnaa aangaanagn tacgnanaca anaaaaanaa atcacaaann 1140
ccnaaacgcn acnactaaca nacatatcaa cnnagacannn nnnacagcaa aacagannnn 1200
anganaaanc acnnaannaa gagaatanna canaccanga atatgtanan acannnaca 1260
gagacgnaat agnnaacaga natcacaaca cacnnanata tacgcnaatn nncacgaann 1320
gatatgaann acacannacn cgtcacaatc acancc 1356

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<210> 4654
 <211> 1356
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1356)
 <223> n = A,T,C or G

<400> 4654

tttggggaaa	aaaaaaaccc	ccccctttt	tgggggaaaa	aaaaanngnc	ccccngaaa	60
ggngnnnctt	ttttggnaaa	aaaaccccc	tnntttgttt	ttgcnaaaaa	aaaccncnt	120
tttggggnaa	aaattncncc	ccnannnneg	ncecnantnt	ttgnnnga	nggaanangn	180
nnanannccc	nnnnnnnnng	nnnnnnnnnn	nnnnnnnanga	nnnanaaanag	gnnnncannn	240
nannnnnaann	ananaatnnn	ntnnannnnn	nnnnnggggg	ggcnnatann	anannnnanna	300
aaaaannnnna	annaaaacca	nangggngna	nngnnaanan	acnnnnana	aannannnnna	360
nnnanangga	aaanannnaa	nnaaaannana	aganannnnn	nacaaanncn	naaaannngna	420
acnannnnnng	naaacanagn	aaanaggaan	nnanacnacn	caaaaaaaca	cngggacnaa	480
naacangana	gnatnnnaca	agncaanaca	acgaagaaga	cnnataaaca	ngcacaaaat	540
aancaangaa	agngnaangn	gnaaagnacn	anggnaanaa	nngaatacag	gaaaantnan	600
ataaagacaa	ntnngaatag	nnaacancaa	atcaanaang	naaggaacnn	nctanacaac	660
acccaanann	gaaancaaga	tanatactag	anntanggna	caanagnaaa	aannannnnnn	720
cangctanga	ggannngnng	aaacgaaaan	nacaacaaaa	cgacaagaga	ncacaangan	780
gaataaangc	aananacacn	aanacgaaan	caaaagaang	naccncnann	gaanaagaga	840
cnnnngaang	aancgaaana	nnaacgcnaa	cagacnannt	aaggacncac	ataangaanc	900
anagaaaanga	cgancnagan	aggggnaaan	anancnccag	nagctaacaa	aacagnaaaa	960
tanngcacnt	annagatnna	nnanangaaa	canacaangc	aagngcatnn	aaaganaaaag	1020
aataanaana	cannnannan	aggccnaaga	annnaaanac	naaaatanaa	aagnacatag	1080
acatanacca	nacagnnnaa	aangaanagn	tacgnanaca	anaaaaanaa	atcacaaann	1140
ccnaaacgcn	acnactaaca	nacatatcaa	cnngacannn	nnnacagcaa	aacagannnnn	1200
anganaaaan	acnnaannaa	gagaatanna	canaccanga	atatgtanan	acannnacaa	1260
gagacgnaat	agnnaacaga	natcacaaca	cacnnanata	tacgcnaatn	nncacgaann	1320
gatatgaann	acacannacn	cgtcacaatc	acance			1356

<210> 4655
 <211> 1326
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1326)
 <223> n = A,T,C or G

<400> 4655

ttttggccna	aaaaaaaaann	nnggccccnt	tttggggggc	cnaaaaaann	nnnggggccc	60
ccnnggnggn	gnnnnntrnt	ttnnnnngnt	tttccccnn	nnntcttttt	ctngggnaaa	120
aanccccctt	tnntttgggg	gaaaaaaann	cccccccnnn	nngnnnnntt	ttttttgggg	180
ggnaaaaaaa	nnnnncccc	cnngnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	ngggggnttt	tttttnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnggg	ggggnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnngnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnng	420
ggggggggng	gngnggngn	nngcnnngnn	annggnngca	nngngngnng	nannggnngg	480
gnnnnnnnng	annnnnnn	ngnnngnnng	nggnnnnggg	ncnannnnng	cnnnnnnggg	540
gggnannngn	nnnnngnann	nnannnnngg	ggannngggn	cgngngngnn	nngnganann	600

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nrggnngnan ggannnnannn annnnnnnng gnancennac nnannnnnnn nngngcggga      660
ancnnncnnn ngnnncnnng acnnggggnn gnnnnnnnnn nnnnnnnng aanggrnnnn      720
nnnngnnnnn nnnngannnnn nnnnnnnngn gcnnnngcgc nngaagngn nnnnnngnn      780
nnnnnnnnnn nggggggggn nnnnnnnngn nnnnnngnan cnnnnnnnnn gnnnagnggc      840
nnngnnnnnn ggnnngcnc nnnnnngnn nnnnnngng nnnnnnnnn nnnnnngng      900
gnnnnnnann nnnnnnnng nnnngnnnn nnnnnngnn nnnnnnnn nanagnnnnn      960
nnggngnaan gnnannnnnn nnnnnngngn gnnnecgng ngnnnnngg nnannnnnn      1020
nnngnnnnnn nnnnagggnn nnnngnnng nnnngngnn nnnnnngnn nnnngngnn      1080
nanngnnnan nnnngnnnn nanncacnn nnnnnnggn negnnngnn ngnnngnnnn      1140
nnnngngnnn nnnnnnnnn nnnngnnng nnnnnnnng cgnnnnnnn nnnnnngng      1200
ngnannnnnn nngnggannn nnnnnnnnn ngnnnnann nnnnnnnnn ngnannnnnn      1260
nangnnngnn nnnngnang nnnngnnnn nnnnnnnng nnnnnnnnn annnnnnanc      1320
gcgncc                                           1326

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<210> 4656
<211> 868
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (868)
<223> n = A,T,C or G

```

```

<400> 4656
gnnnnnnnnn nnnnnnnnn ttttgggaaa aacncccttt gggnaaaaann ncccgggggn      60
ntttgaaann ccctcctccg gaaanccct ttgggaaann nccccnngn cngttgggan      120
ccnancgacc cgaatncggc acgagccgag gaccagcgca gcgaggagaa ggctncagcg      180
ngaggccaac aannagancg agnagcagcn gcagaaggac aagcaggncn accgggccac      240
gcaccgcngn ngcngcnggg ngnnngggga acncgggnaa agcaccann agagcagat      300
gaggagccgg cangtgaatg gggnaaang agangagaag gcaaccagan nagagnggac      360
tncattctga gngagangaa cngccngac tntgacncac ctcccgaagn ctangagcat      420
gccaaggcnc tnggggagga tgaaggagng cgagcctgct acgaacgcgc caacgaggac      480
caagctgatn gacngngccc agngctncng gacaagaacg acggggagta agcaggccga      540
cnangagccc gagcgaacag gacccgnnnc gctgccatgn cngactnccg gaanccangg      600
ggaccaagan ccaggnggac aaaggcaact gccacanggg negacngggg anggccagcg      660
cngaagaang ccgcaagggg gaacccaggn gctnaaacg aaggggaact ggcnancagn      720
nnnngngggg gggccagcag cnacnnacca acanggggca anccgggaag ggaaaaccan      780
gancaacgcg ccngnangga aggnaccgga accnnngnana agaagcaann ngggaacaac      840
anganggggn ngcanancca tcncnnn                                           868

```

```

<210> 4657
<211> 1319
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (1319)
<223> n = A,T,C or G

```

```

<400> 4657
ccnaaaaaaa aaanangncc ctttttgggg gtcaaaaaaa atcccgccc caattnttnn      60
nnnnnttttt tcaaaaanaaa aaaccccccc tncnttttt tnccaaaaaa aanccgcccn      120
tttgggggga aaaaaaaacc ctccnnaaaa annnngnnnn tncaattcaa naccnngagg      180
ggnatnnngc ccnnaaanna nncnnaang ngnnncanta gnnnnnaana nnnngannnn      240

```


nnncaatnn	nggnngnccn	nnanacnnnn	nnnnnngncn	nannaannan	acnnnaaggg	300
gggaaantnc	ntnnnnnann	annaaagggg	gnnnnccaaa	annnnnaan	nnngnggnaa	360
nananannnn	gnagnacnng	aaaccncnan	antncnnnnn	naannacann	naccnannan	420
ancnnnnncan	nnnccnnnnn	naanannann	agnaaangnn	annaaancga	ganancnaaa	480
cnnnnanana	accacacann	accagaacac	ancagnacag	ncaaaancntc	acatananaa	540
angtgcanta	cnnnatatc	ccgacacann	ccnanagacn	aaatacaacn	gatnnacnca	600
nnanannacc	nancnaaaaa	acaancacaa	ancaangana	aaanaacann	naacgacact	660
aanaagcaca	nanacgngcc	nacaanaccc	nacacaaaacc	nnacngccaa	nnancnaaaa	720
ctaaaaacnga	atatcacnna	cacnnnnnaa	ctncnacaaa	aacnaccacc	ngnaaaaaacn	780
nnnngnaaaag	gngncancaa	atngaaaaaa	cnaaaaaaan	nnnaccangc	acannaaaac	840
nnntnnacna	tgacanacaa	anaaaanac	nntaaaaann	aacaannaca	acncnaacan	900
nttaaannca	aaannatanc	ccgcagcnaa	attaatangn	nanancntca	canannaaan	960
naacnaaccc	cantgtanan	aaaccncaat	ancaccacna	natanncaaa	ggtaangana	1020
aacccanaaa	naccanatat	naaacaagcg	ncaaaccana	acnngaccca	tccaannatn	1080
cnaacacaaa	naaaanatatn	catnaaacac	acacaanacc	acctcnnnaa	nnnacntacc	1140
ntanaaacat	ncaaaaanctn	natngacacn	nacaaaacag	caccanntca	anaccnaana	1200
nactacacag	agatacanag	acaanntnnn	nncnagaaa	ccacacgacc	catnanacnn	1260
acctntcnca	cnacncntc	nancgcggga	gnnaaaaaata	anacacanaa	acacacnca	1319

<210> 4658

<211> 1088

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1088)

<223> n = A,T,C or G

<400> 4658

gaggnntttt	tccaaaaaaa	nnccccagag	ggnnnatttt	tgcaaaaaac	gcnttttggg	60
tttacaaaaa	nccgcttttt	gggnaaaatt	ttngggccng	naaaaagnna	tnntntggga	120
nnnnnaanaa	nnnnnaannng	ganggganan	naaannnnnn	annnnnaann	nannnnanag	180
anaanagggg	gnnnangnna	nnttttnnnn	nannganggg	ggaannnnnn	acnanngggg	240
nganannann	nnnannnnnn	annngggngg	gnnnanannn	aannangngg	gnaganagan	300
nnannnngnn	nananaccnn	agnnnannna	ganannnaaa	naaannccnn	annnnanana	360
gaaacanaag	nnnaaaanac	aggaaaaaaa	aaganaaant	acngnaanta	anacaaaaaa	420
aacaaaacna	ncatngnanc	aggnananag	tagcaanaac	nganngaagg	canaagagag	480
aaagncntga	cnaaagagga	ngagntnntt	naactaagan	agagannnac	ngaantgnaa	540
acangaancn	natganaaaa	aaggntnnga	canaagaaga	angcnanaca	nnaaaaangan	600
ngaagnatga	aagaaaaaann	naaagcntng	gnaaaaaaa	anagagatna	anaaaaaatn	660
aaaagaanaag	aannaacnna	atntcngnna	ancncgagaa	aatgggnnaa	gaaacangaa	720
naanatacaa	gaacnaaaga	nagnncggaa	anaaganagg	nanaaagaac	nanatataan	780
nganaagnta	nacanggata	acangnagat	ganaangagn	acannanaga	nanatgnang	840
ngacnanagg	gagantaaaa	anntaagnna	nnaaananan	aagcnannga	gannnnaccn	900
gnanacgggn	annacataac	anactnannn	nanaaaatac	nnnaaaggga	gananaacgca	960
naatnnngca	naannannan	anaacgaaga	atangaagng	annncaggan	agatagaaan	1020
anganntaga	acngaaanna	aantnnncaa	ancaatnana	aanagncann	gnacatanana	1080
aacaacnn						1088

<210> 4659

<211> 1267

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1267)
 <223> n = A,T,C or G

<400> 4659

aggttttttt	gcaaaaaaaa	cccccenttt	ttggncnntt	tttgcnaaaa	aanncgcttt	60
ttggtttttna	aaaacacccc	cctttttttgc	nnaaaattat	acgcncagtn	annatgnnnn	120
ntatnnnnnn	nnannnanaa	nnnnnnnnnn	aananaanng	ggngnnnnnn	annnaaanna	180
naannnnnnn	ttttntannn	angnaaatan	nnannnnnnn	atttnttnnn	annnnnnnnn	240
naannnttnn	tntnaaaann	ggngngnana	nnannacnna	nnntnanatn	naanananann	300
nnnnnnnnnn	tanngaggng	annnnnnnana	naannganng	anaannnnna	nnancanaat	360
nnnnnaanant	nnnngnanaa	naantaanan	nnacnaatca	naannnaana	nnannnnaan	420
nnannaataa	nncaaaaaaa	aagccanann	tatannaaaa	cntcaatann	cgtanaanaa	480
gaanatnacn	natannaana	naanactacc	aaaactnaaa	annnnaatnc	atatacnaana	540
taactannaa	nngaataata	nancaganaa	nnnagnanna	atnttannan	naaagcannn	600
ngnnaaanacn	tcaagcntag	antanntaca	aatacnnnaa	atantaacnn	nananananaa	660
anaannnnnn	naacatncna	agannnnana	acaaanaann	gnacaannan	taacnannan	720
anaaaanann	ataaacanna	ananannnaa	taaataaant	atanataang	ngntcanata	780
ttnaagacaa	nchaantaaa	cntnnancat	nancgaacta	taaatagaan	nganatata	840
nataaanatna	nntanaacnc	natatatanc	nagtanatnt	nanancacta	nanatacnan	900
nanaaantcn	tactanacan	naacanctnn	aactnanann	antannnagn	aacacncata	960
nancgannna	atancnctna	anntnnanna	ctctgaanaa	annacanata	aataactata	1020
nangctagnn	acantncacn	tagtannnaa	tatntanana	ttcnctanat	ananntntan	1080
atcactacgn	actcanacat	anaaaannaag	tcttanagan	aaatatcact	caanaannna	1140
ngggncacta	tntanncatn	anncanaata	nnncancata	tannacanat	aaantnnana	1200
tcnnaangat	naaatntnan	angacnanac	anatangtnt	atnnctaanc	tgtaaataca	1260
ncacgaa						1267

<210> 4660
 <211> 1235
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1235)
 <223> n = A,T,C or G

<400> 4660

gtttgaaatn	cctttgggnat	ttctaattgct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntgantngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatccctta	tntatcttng	nnatgtntta	aannganata	atantntttn	300
naatttttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttnnnaaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttntattttn	420
ttntctntna	ttannnttan	tntgatntat	gnanttenta	atttctntta	tnatcnctnt	480
tactnatata	attttnannt	anaaaanaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atttatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnttatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nnttttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nnctcnngata	cctatntgta	tnncatnaca	tattatatng	gnganttatt	tnnttgata	840
taggattact	atnttatgat	ananntctt	tntataatna	aatatnatan	tgagggtntn	900
cttnttacag	ttgtanntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnatttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatagtatc	1020

natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaagtnatc	1140
tatnatnnac	nntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4661
 <211> 1235
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1235)
 <223> n = A,T,C or G

<400> 4661						
gtttgaaatn	cctttgggnat	ttctaagtct	tgntnancgn	cattnatatn	tgnggantng	60
nttggaantn	ngnacganga	tntnntaaag	catgtttana	agtnattana	atggacgggt	120
tgncnnntaa	ngattgggna	taantgggtg	naanantgga	ntganttngt	attgnttnga	180
tttgagttat	ctnattgaga	nctntannnn	ataaggagag	ttntattntn	ataaagntan	240
tagnanntan	nggatcctta	tntatcttng	nnatgtntta	aannganata	atantntttt	300
naattttacn	attntagana	ttnatnggtg	aaactttatc	atatgntnna	aattnttann	360
ttnnnaatct	ntgcaaaaaa	ttantagntt	tantntatnc	atntcnantt	ttnttatttn	420
ttntctntna	ttannnttan	tntgatntat	gnanttcnta	atttcnttta	tnatcnctnt	480
tactnatata	atnttnannt	anaanaaagt	aatnnannat	ntttgaatat	atntntatca	540
naatatgnga	nattataatc	atntatnttn	natagtatan	ntnatgnatg	tagatatata	600
tctatagntg	ntntnntatt	ntttngatct	gtatagncat	cngnactaat	atantttgtg	660
atanagctat	tatggggant	atntaaaact	attgatgtna	aaaaaacata	nnttttataag	720
antatanncn	nnacgttata	atagntctct	gtacctatta	ngcnattnga	ttanaanatt	780
nttcnngata	cctatntgta	tnncatnaca	tattatatng	gngantttat	tnnttgata	840
taggttact	atnttatgat	anannntctt	tntataatna	aatatnatan	tgagggtnn	900
ctttntacag	ttgtannntna	aatatnagcg	ntnttaataa	natagagnga	tatatgacat	960
tnatttatat	atattaagan	tgtaagattn	natnaagnag	taatatcann	atatatgtatc	1020
natnantgtc	ttncatggat	gntatggata	cttagtgntn	gtgaanttta	tnnttatata	1080
tanntntnat	tngtaaaata	tactatantn	tatatatctg	atatatataa	ngaagtnatc	1140
tatnatnnac	nntataatat	cntgtacgat	taaaanattn	aatatatgtn	tatatntgaa	1200
tatgtataa	naanctactg	tctattgnta	cagan			1235

<210> 4662
 <211> 750
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4662						
tntaatttna	tnctntannc	cnttcaactn	cttgttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgagatgagc	ccatgaactt	ccccagaaac	tcattgtctt	ctatttccgt	120
aacagctcct	aaccactagt	cgggctttgc	acacagcgac	ttctccgtaa	atggttgactg	180
cagggcgagaa	agaaaggcta	aaagttctta	ggagaatggt	tgcccttgca	tgtatatgct	240
ggcgatgcta	ataagtccca	gctagacctg	gcagtgagta	agttcagggg	tggcaattta	300
attttcttgc	tattagtaaa	acaaacagta	ggtgggatgg	gtggtaagct	taaaatatctc	360
tgacgcgcca	tttaaaccat	ccatcccacc	tgtgggttgt	ctgcacctgc	tcttttgttg	420

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cggtgggtct cctaatttgc ttttcagtc ctttcattctt atcattgttc tcaaaggcac 480
cgctctgcaa accacataaaa ggccttttcaa cttnccgtgc attttgtttt attcagccaa 540
ttgactagta ctgtcagcta attggattgg aaatgtaaaa tgaaagctgt attattcaac 600
tgccaacctc ctcaattggc anggagtggg tgatgctggg aattgaccan aagtgttaatt 660
gctctgggtc tgccctctgga ttttaacaatg aaccctggga gggctttctn tganacactt 720
gatactgct tttttttttt tcccnggggn 750

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```

<210> 4663
<211> 808
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(808)
<223> n = A,T,C or G

```

```

<400> 4663
gttnnnnnnt tgaatccett ngetctngnc tttttgcagg atcccatcga ttgcactaa 60
aaatagggtt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag 120
caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtggg ctgcatttaa 180
atttgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg 240
tactctgtg ttcatTTTTT tttttttttg gctagagttt ccactatccc aataaagaat 300
tacagtacac atccccagaa tccataaatg tgttcctggc ccactctgta atagtccagt 360
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg 420
catttctata ctttacagga aaaaaaatc tgntgttcca ttttatgcag aagcatattt 480
tgctgggttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta 540
cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc 600
tacttgataa tattaaggga ttctggattt caggttttca tttggtttgc ttttggtttt 660
ttctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa 720
aacattaatt ttnggccnn nnnnaaaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
nnnnnnnnna aacctcgnc cttntaaa 808

```

```

<210> 4664
<211> 1008
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1008)
<223> n = A,T,C or G

```

```

<400> 4664
ccgcncncnn cnnngnnnnn nannnnnnng nnnngnnnnt ttnntttctn annccnttca 60
gnccttgtt catgatgcag gatcccatcg attcgaacnn gcacngtct atcncnngt 120
gaagcactac cccngntacg ggttnacca tgccctgggca gntnggcat gggcccggtc 180
acgaacanaa cgggcctgga cgccctgccc ctggccgcag atacctncta ctaccagggg 240
gngnactccc ggcccattat gaactcctct taagaagacg acggcttcag gcccggttaa 300
ctctggcacc ccggatcnag gacanntgan gancaagngg gggtcganac ntnngggaga 360
cggagtgtgca tagacgcang gggagaagaa attcatacn ccccggnccn aacaccncna 420
aggacagcag tegttttnac cccgntgcan cccgttctcg gtccnaacag agggccacca 480
cagnatncnc cacanttcta tattanggag gaananccgg gaaagaatgt anaattttga 540
anaataancc tactggtggg ccaaanaact gnngccgacn cnccttgcntn gtgnnaaagc 600
gnccntggca ngattnctng aaatttnntt tgggtggttg ggnagggncc ccccntccca 660
tttgccnccg cgggttggca aggggaaatt tcctttcctt tcacctcan tatnaaaagg 720

```

ttttncctgg	gagntngaac	tttcgggggg	ttaaaaaanc	ccattgtggg	ngcccaataa	780
anccangacn	ccncttaggg	ggggaagncc	cntnccgggn	ganntnecgtg	tccanaacgn	840
gngggncngt	atctttngtg	gggncttntt	tcnaaccnat	tttgggggga	ggangcnggg	900
nntaacctt	ggcaaccncc	cggaaacatn	gggtgatgtg	nnaaaacatt	tncggatgca	960
naatatthtg	gcncctgggg	ggngccnnan	tatatthtng	gannagcc		1008

<210> 4665
 <211> 1690
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(1690)
 <223> n = A,T,C or G

<400> 4665						
ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagnngn	ngnannnnang	cgagnnancn	gaanangacg	cannnnnann	nnngaangann	120
nnnnncngng	gngncntgna	nannnnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaaacannn	cngctancan	naagannnca	cnnnanagca	240
nnncncagng	ngngggancc	gagngcngga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaaaa	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nancncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncancanan	ancnangaag	atntntneca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagannnn	angcntnang	acncacnnna	cacacncgcn	840
annncaneng	cacagcgnng	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnncnagnga	cnncaccgcn	nnnanctctn	ncnacangnn	nanagnaccn	1020
ngcntncaca	cgnanaanaa	tctncnccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatan	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agnncncgan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	gananctanc	anncacngga	tnncactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agccngcacc	ancncctact	tgentactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560
nntatactaa	cnnananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tccnnnnctn	atcnnacagaa	1680
ntnctntnncn						1690

<210> 4666
 <211> 839
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(839)
 <223> n = A,T,C or G

<400> 4666

tttgaaaacc	tttnatacaa	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	60
ggcacgaggg	nangganncn	ncangatctt	gganggnctn	cncgtggncga	gaccaaggaa	120
aagcncgggn	cgatnggngn	cccaatgcan	ggtgatgggg	atggcttnna	nnctantgnt	180
gnnccnatat	ccannatnan	gctggtgcat	aangnantcn	nnnnccctaa	nnncgcngaa	240
nnntggncng	atnttgntcn	ngacnntgtg	nnnttnnatg	tnnacactgt	nnntnnnaac	300
nnrtgttcggn	ccnncnangc	tgatnntgac	ctggncaatg	acctgctgtg	gnantgctgg	360
nttcactgnt	cangtgacta	tattnatcca	tacannacca	attnaccttg	ctcatatcat	420
ccntagnntt	gnattgccac	tcnggattnn	attgcantnc	aangcnnanc	tttaactann	480
ngggatnata	aatnntccgc	ccntttnttg	nnanaaaaaat	cttgnaaaag	aanagcccnt	540
tacacttgta	aggaaattnn	ggcccccaacc	tnagcaaatg	gcatanaaaa	ggttggcngg	600
ncangtcena	tanaaanctt	nnangannat	tgtcaaaaaca	nntnnacctt	tctggncatg	660
aatcattggg	tggtgnttnt	agactnccaa	gagtntgggg	nggntntttt	tcaaaaaannt	720
tttananaaga	acntttgcnc	ggaactgttc	agngggcaat	caactttttc	ncggnaaggc	780
tttagactgc	taaaatggan	ttnttncct	tataactgcc	ancccaaatac	tttatncct	839

<210> 4667

<211> 848

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(848)

<223> n = A,T,C or G

<400> 4667

gnnnnnnnnn	ntntnaata	tacagctctt	gttctttttg	caggacccat	cgattcgctc	60
angcngnggc	ctccttcccc	agntttgntg	cctgagtggg	accagtgcnn	acncacagnc	120
cggaaaaggc	gcatactaac	cntnttnagg	ctnnggtaac	tgccggacaag	ttgcttttnac	180
ctgatttgat	gatacatntc	attaagggtc	cagttataaa	tattttgcta	atatttatta	240
agnactata	tgaatgcanc	tncattnacc	agtaacttat	nttaaataatg	cctagtaaca	300
catatgtngn	ataatntcta	gaaacaaaca	tntaataagn	atataatccn	gtgaaaatnt	360
gaggcttgat	aatattaggt	agtgacaatg	aagcatggna	gaagctgtna	cagattacat	420
anagaataat	gaggagatta	tgatgggaacc	ttaatatata	atggtgncag	cgattntagt	480
tnaatattcg	atactgnnat	ctatctgctg	tatatggaat	actttttaatt	caaacgctga	540
anacgaatca	gcatttagtc	ttgccaggna	cacccaataa	tcagncatgt	gtaatatnca	600
caagttcgtn	tctgtttttg	gttatnttga	tggtnggttt	gtgnttttgc	tttaagttgc	660
atgagctttt	tgcnngaaat	antcactcat	cccactccag	ataaggggnt	tagtcatnag	720
aaagtctgtc	tggtgatga	tggtacggg	gccaatcttt	ntcccccttc	tggttaatat	780
tcattacatt	tctatgccnn	nnnaggancn	natccataac	tttancttaa	ngtncacatt	840
ggnatntt						848

<210> 4668

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1690)

<223> n = A,T,C or G

<400> 4668

ccnccnnann	acnnngcnnn	nnaaannnaa	nnncnnnann	nngaaacnnn	nnannnnnna	60
nngcagngnn	ngnannnang	cgagnnancn	gaanangacg	cannnnnnnn	nngaangann	120

nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnnncacng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaata	acnggcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagnn	360
agcngngncn	acgntnnacc	agctacagcg	aantcncng	nncgccnagn	ngnaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
ncennacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nancncnaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncancanan	ancnangaag	atntntncca	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagnann	angcntnang	acncacnnna	cacacncgcn	840
annncaneng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaana	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagncacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnnncnagna	cnncccgcn	nnnanctctn	ncnacangnn	nangnaccnn	1020
ngcntncaca	cgnanaanaa	tctncccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatn	nagcacgtcn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnngnaa	nacagcctnt	gacgnaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganantanc	anncacgnga	tnnccactata	tngannangn	ncgntgccgn	1380
ngnnancagc	agcngccacc	ancnccctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	ncncannnac	ngangtacag	nnnnntcacc	annngcngnnn	gatangctcn	1560
mntatactaa	cnnananana	gnnnnaacaa	cagaaanaan	cacnagacag	agaagcnnnc	1620
ncatgatnnc	ccactcacga	ncnnnngagt	cngcngannn	tcnnnnnctn	atcnnacagaa	1680
ntnctntnnc						1690

<210> 4669

<211> 780

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (780)

<223> n = A,T,C or G

<400> 4669

ttttcataca	gctcttggtc	tttttgccagg	atccctcgat	tcgaattcgg	cacgaggtga	60
ggctctctta	aaaaatttaa	aaataactgaa	gaaacaaagg	gaggagtgtg	tagaatctgg	120
agtggaggaa	acttctgtgt	caccaaacac	agaaaccatc	aaagaaaatc	tttccattcc	180
aaaattagtc	tatagaaaaa	aaaaagaaaa	tcttaaccca	aataagagac	tgaggcaaga	240
gcttcaatca	atcgagggtt	actgagccag	agttggagcg	tgccaggaaa	gcaacacaag	300
tcaaagaaac	gtctgtggcc	tgtgctctcc	caagaagttt	tcaggaggct	caatatttgt	360
acatttcttt	aaaggggaga	agacagtggg	gcaaagtgtt	atgtttttgt	gagactctta	420
attagtgtcc	cgtaaatcta	agctatatgg	aagatagggt	gaacactgga	agaacaggga	480
gtaacagaag	accaattatg	cagaggtctc	aggttaggtg	gaggaatgat	tgatctcatc	540
ttatccttgt	ctgcacctgg	gcagatnaac	tttgtaattg	acattgtcag	tgtgaaattt	600
acaagacttt	tggttttagg	agttagggtt	aggttgccag	acctaaagtt	gcagttgaca	660
tgtntctgtt	ttataggagg	atntccatnc	tgaaagttaa	gggactggcc	aanaattact	720
ggtgagcaat	ttgtgantgc	ggcnctggag	atcatgancg	tttttgccct	tttgngggat	780

<210> 4670

<211> 712

<212> DNA

<213> Homo sapiens

<400> 4670

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gttttagagc agctcttggt ctttttgcag gatccctcga ttcgaattcg gcacgaggaa      60
ctagtctcga gttttttttt tttttttttt atgatattac accatagggt ttattaacga      120
taaatgtttg cttactttt aaaagcttag ctcttactaa gcattcttta acaaaagcta      180
ataagcaaga aatcatttgc catacggaaa ctatattcac aaacaagact ttaatccaat      240
attgaaagct aaagaattag aaaaaatata aaacactgct atgagtcaat tgaactgcta      300
tcattgaatt tgctgcattt agaattgacat aaacatactg aacataaaaa caattttatg      360
gatttattct ataagactag cattaagaat gacatacaat ttgtgatttc ctttaaaaaat      420
aattttttac aacagaatcc atttgaacaa aggggtctttt tttccctca tttgagggga      480
agacaatcta tgtttcccaa acagatcctc ctttcatact aaaatagcaa actgtggcct      540
cgatctcttc tcccagatg ctacttatag atgactttgc ataataactt aattagaatt      600
acttttctgg taacagtgtc acggccataa ataatcagtt tttaaaaaac aaacatcaag      660
ggcaaatcta gaaaacttcc tttaaaggaa ttacccaaac ccagcacaca tg              712

```

<210> 4671

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4671

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gtncctnta aaaccttttt tanaatctnc ttgttctttt tgcaggatcc catcgattcg      60
ttcatatttg aagaattaga aatgaagtcc gttcagattc tccaaagaac ctccagccac      120
tggtggggga cattcttaat tcacattcct atcagttggg atctcctgtc cctgaagaca      180
ctgatgaggc ttgggaggag aatccccact tccctgcag ggggttaggc tgggcagggc      240
agggagggtga gggcgctggg ccagaacact ggcaagggat gggaacctaa cttcttctgt      300
gcttctgatt tgcccttgca ggtgtttttc caggtctgac cacctggccc tgcacatgaa      360
gaggcacctc tgaggagca gagaggtgga tcctgtaggc taaaaggctt ccaggctgag      420
agcccgggccc gtggaaggag ggatgcatgc tttattaagg ctcttgtttc acctggcagt      480
gtactgtatc aacgtataat acagaaaaaa aatctcttta aggtcctcct tcacaaagac      540
atagagtga aactcccttta catgtcagta ttgttcaac actttaggga acttgactgt      600
cagtgttaaa atggaaaaca ggaaaatgga aaaatctgac caattctgcc ccttgagact      660
ttcatataga ccttgacaaa caattgtata gatcacacac cggcttgat ttaatatgta      720
acattttcnc acatnttaaa gatccagaag ttttaaaaaa ccccaatgt taatgtattt      780
gc

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<210> 4672

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(782)

<223> n = A,T,C or G

<400> 4672

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gagcctntga ancctatnta caatctactt gctctttttg caggatccca tcgattcgaa      60
ttcggcacga gaaaaaacct cctgggactg ttgcaaggat gaaatgaagg attgagggat      120
tgagggattg ctgagctgga gctccagggt tcctatcttt ctcaagtggg tggcacggag      180

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cggggcccgc	tccctcttct	ctccaggcag	gtggggctgt	ggttatgcga	tagggctctcc	240
cttccctcca	gcccattgca	gaggagcttg	taactcttta	tccatcatgg	gccactacg	300
agtcatactc	ttcccatgca	tgctcattct	cctgggcccc	atccactcag	ccaaagcaga	360
atgcagggtt	tccctgcctga	caacccttct	cacctcccaa	gtcccacttt	tgaacaagct	420
gatgattctg	aaactggccc	aatttcctaa	caagccggat	gcttgagaaa	cctacatttg	480
gacaatgaga	ggctgctcct	gcngcctgcg	ggccacctcc	tcttcccttg	ctcctgcttt	540
cttttttagac	tatatcaacc	tacaacttta	ctcggaaga	gggacagggg	tggacctgag	600
tttcgtctcc	tgtctctctg	gctgatgtca	cctggaataa	agccttcttn	cctggccaaa	660
naaaaaanacc	nnnnnnanaa	nntacttcna	gcctctanaa	ctatagttag	tcgtattacg	720
tnnaanccaa	cttgaataag	anacattgat	gaattttgga	ncaanccnca	actntgaatg	780
ct						782

<210> 4673

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4673

gnttnaganc	aggctctgtt	ctttttgcag	gatccatcga	ttcggtttcg	gcantctgggg	60
tnggnactgt	tgataggang	atgtnttaag	gaaatgctaa	aattggggcac	cctgccccca	120
acttcaaagc	cncagctgtt	atgccanatt	gtcanntnaa	agatatnacc	ctgtctgact	180
acaaaggaaa	atntgtttgng	nncttctntt	accctcttga	cttnaccttt	gtgtgccccca	240
cggagatcat	tgntntcagt	gatagggcng	aanaatntaa	naaactcaac	tgccaagnga	300
tnggagcttc	tgtggattct	cacttgtgtc	atctagcatg	ggtcantaca	cctaagaagc	360
aaggaggact	gggacccatg	aacattcctt	tggtntcaga	cccgaagcgc	accattgctc	420
angattatgg	ggtcttaaa	gctgatgaag	gcattctcgt	cagggggcctt	tttatcattg	480
atgataagg	tattcttcgg	cagatcactg	naaatgacct	ccctgttgcc	cgctctgtgg	540
atganacttt	gagactagtt	caggccttcc	aggcactgac	naacatgggg	aagtgtgccc	600
agctggctgg	aaacctggca	gtgatccatn	aagcctgatg	tccaaannag	caaagaatat	660
ttntccaagc	ngaagtnagc	gctgggctgg	tttantgcca	ggctgc		706

<210> 4674

<211> 710

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (710)

<223> n = A,T,C or G

<400> 4674

gtttaatcag	ctcttgttct	ttttgcagga	tccctcgatt	cgaattcggc	acgagtattg	60
gtttgtagaa	atgctactga	ttttgtacg	ttaatttttg	tatcctgaaa	ctntactaac	120
gtcatttata	aggctctttg	gagggattgt	tagggttttt	ttaggttttag	aatcatattg	180
tgagtgaaca	gagataattt	gacttccctc	ttttctattt	agatgccttt	tgtttctttt	240
tcttgccoga	ttgctctggg	taggacttca	gtactatgtt	gaatagaggt	ggtgagagtg	300
ggcatccttg	tcttgttctt	aggggggatg	ctttcacctt	tgcccattca	gtatgatatt	360
ggctgtgggt	ttgtcataga	tggtctttat	tattttgaga	ggtatgttcc	ttcattgcct	420
agtttgttga	ggatttttat	catgaaggga	tattggactt	tatcaaagtc	ttttctacat	480
gtattgagat	gatcatatgg	tttttgtttt	taattctgtt	tatgtgctaa	aactattccc	540

caaaatcaaa gagaaaggat ttctccttaa cacattctac gaaaccagta tcctcctgat	600
ccaaaatctg gcaaggacac caacancana aaanaaaaaa aaaaaactng gcctttaaaa	660
actttngggg ngccnnnttn cgnaanatcc nnnncttgat nagatcctn	710

<210> 4675
 <211> 782
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (782)
 <223> n = A,T,C or G

tttgaaanct tttatacanc tacttggttct ttttgcagga tcccatcgat tcgaattcgg	60
cacgaggtag ggacgagccc tccccatcct gagtccacag ggagatccac agctcacgga	120
gcctggccgc ggacccctcc caccctgccc ttgccggccc ctgcacattt aggatatgct	180
cctgggtggg gactgggctg tgcccagggc ctctgtcccc caggatgtct tgtgggtgcgg	240
gtcggccggt ctgcccccca gggcaccccc tgttgttagg actggctagg gaggggaggg	300
cctccttctt gcccctcgag acactccttg gagatgcatt ttccgtctgg ctccaggggg	360
gagggtaggg ctttgcaccc caccctgnc cangccactg tgatggtagg tgctgctgaa	420
ccccgggggc agcaggagcc aggcangtga tgtctttgtc tcggctccca cagnagaacc	480
aggtgagggg gcgcctgcca aggccanaac catgtggggc aaactgaacc ctgttccnct	540
gtggcgccat gcccgatct tttacacact ggtgacctn anaaaagatg taagatgnaa	600
cctggccggg gttntntnan ccgcactttt aanttgncn tncaaactt tggcttgaa	660
ttgggtctgt ttacctaaana aagtcaccaca aggtgcctta ttnntngggg tttnttttna	720
naancncnt tnnnnngnna nnnntttttt nntttnnnnn aaaanatnnn aaannngnnt	780
tt	782

<210> 4676
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (808)
 <223> n = A,T,C or G

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aaataggttt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag	120
caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtggg ctgcatttaa	180
atttgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg	240
tacttctgtg ttcatttttt tttttttttg gctagagttt ccactatccc aataaagaat	300
tacagtacac atccccagaa tccataaatg tgttctctgg ccactctgta atagtccagt	360
agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg	420
catttctata ctttacagga aaaaaaattc tgnrtgtcca ttttatgcag aagcatattt	480
tgtgtgtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta	540
cagcattgnc tttgtctggc tcttctctat ggtctctaga ttttaattta tttgggtccc	600
tacttgataa tattaaggga ttctggattt caggttttca tttgggtttg ttttggtttt	660
ttctctatgt aaccattggg ggaanggatn caaggaattt gacacaaang gngggaataa	720
aacattaatt ttnggccnn nnnaaaanan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn	780
nnnnnnnnna aacctcgnc cttntaaa	808

<210> 4677
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (708)
 <223> n = A,T,C or G

<400> 4677
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 gaggtgcgac gaaggagtag gtggtgggat ctcaccgtgg gtccgattag ctttttctct 120
 gccttgcttg cttgagcttc agcgggaattc gaaatggctg gcggtaaggc tggaaaggac 180
 tccggaaaagg ccaagacaaa ggcggtttcc cgctcgaca gagccggctt gcagttccca 240
 gtggggccgta ttcacgcaca cctaaaaatct aggacgacca gtcattggacg tgtgggcgcg 300
 actgccgctg tgtacagcgc agccatcctg gactacctca ccgcanaggc acttgaactg 360
 gcaggaaatg catcaaaaaga cttaaaggta aagcgtatta cccctcgtca cttgcaactt 420
 gctattcgtg gagatgaaga attggattct ctcacaaagg ctacaattgc tgggtggtggn 480
 gtcattccac acatccacaa atctctgatt gggaagaaag gacaacagaa gactgtctaa 540
 aggatgcctg gattccttgt tatctcanga ctctaaatac tctaacagct gccagtgttg 600
 gtgattccag tggactgtat ctctgtgaaa aacacaattt tgctttttt gtaattctat 660
 ttgacaagtt tgggaagttaa ttagctttcc accaaccaaa tttctgct 708

<210> 4678
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (808)
 <223> n = A,T,C or G

<400> 4678
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 aaatagggtt gttgtttaag aagacacctt ctgagtattc tcataggaga ctgcgtcaag 120
 caatcgagat ttgggagctg aaccaaagcc tcttcaaaaa gcagagtggc ctgcatttaa 180
 atttgatttc catcttaatg ttactcagat ataagagaag tctcattcgc ctttgtcttg 240
 tacttctgtg ttcatTTTTT tttttttttg gctagagttt ccaactatccc aataaagaat 300
 tacagtacac atccccagaa tccataaatg tgttcctggc ccaactctga atagttcagt 360
 agaattacca ttaattacat acagatttta cctatccaca atagtcagaa aacaacttgg 420
 catttctata ctttacagga aaaaaaatc tgntgttcca ttttatgcag aagcatattt 480
 tgctggtttg aaagattatg atgcatacag ttttctagca attttctttg gttcttttta 540
 cagcattgnc tttgctggac tcttgctgat ggctgctaga ttttaattta tttggttccc 600
 tacttgataa tattaaggga ttctggattt caggttttca tttggtttgc ttttggtttt 660
 ttctcatgt aaccattggg ggaanggatn caaggaattt gacacaaang gnggggaataa 720
 aacattaatt ttgngcccn nnnnaaaan nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 780
 nnnnnnnnna aacctcgnc ctntaaa 808

<210> 4679
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4679

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaaacg	gcctggacgc	ctcgccccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactccccgc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancgcgtcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaaa	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	attttgtgga	gttggacttc	gggggtnaaa	aacccatggt	660
tgtttttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnncan	tttggttgn	840
aaatttttgg	gnaccnaaan	ccncccaac	ctttgggaaa			880

<210> 4680
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)
 <223> n = A,T,C or G

<400> 4680

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacaggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaaacg	gcctggacgc	ctcgccccctg	gccgcagata	180
cctcctacta	ccaggggggtg	tactccccgc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gacnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	ccncaagac	agcagtcttn	ttaccgcgtg	cancgcgtcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaagt	480
taaaaaaaaa	cctccggttt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgntgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	attttgtgga	gttggacttc	gggggtnaaa	aacccatggt	660
tgtttttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggnnttaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnncan	tttggttgn	840
aaatttttgg	gnaccnaaan	ccncccaac	ctttgggaaa			880

<210> 4681
 <211> 880
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(880)

<223> n = A,T,C or G

<400> 4681

ttatntttca	ttcanctctt	gttctttttg	caggatccct	cgattcgaat	tcggcacgag	60
tcaaggccta	cgaacagggtg	atgcactacc	ccggctacgg	ttcccccatg	cctggcagct	120
tggccatggg	cccggtcacg	aacaaaaacg	gcctggacgc	ctcgcccttg	gccgcagata	180
cctcctaacta	ccaggggggtg	tactcccggc	ccattatgaa	ctcctcttaa	gaagacgacg	240
gcttcangcc	cggctaactc	tggcaccccn	gatcnaggac	aagtggagag	caagtggggg	300
tcgagacttt	ggggagacgg	tggtgcatag	acccaaggga	gaagaaatcc	ataacacccc	360
caccccaaca	cccnagac	agcagtcttn	ttacccgctg	canccgttcc	gtcccaaaca	420
gagggccaca	cagatacccc	acgttctata	taaggaggaa	aacgggaaag	aatataaaagt	480
taaaaaaaaag	cctccgggtt	ncactactgn	gtagactcct	gcttcttcaa	gcacctgcag	540
attctgattt	ttttgntggt	ggtgntctcc	tccattgctt	gttgnitgcag	gggaagtctt	600
tactttaaaa	aaaaaaaaaa	attttgtgga	gttggacttc	gggggtnaaa	aacctatggt	660
tgtttttnaa	caagnaanca	agaaggggtt	ggtacttatt	tggnnntaaa	aaaaaaaaaa	720
aaaaaaaaaa	aaaacntttg	nngncccttn	ttaaaaaact	ttttttgnng	gaggttcggt	780
nattttaccg	ttaaaaattc	ccccaccct	tgggtttang	gaattnnan	tttggattgn	840
aaatttttgg	gnaccnaaan	ccncccaac	ctttgggaaa			880

<210> 4682

<211> 1690

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1690)

<223> n = A,T,C or G

<400> 4682

ccnccnnann	acnnngcnnn	nnaaannnaa	nnnccnnann	nnngaaacnnn	nnannnnnna	60
nnngcagnnn	ngnannnang	cgagnnancn	gaanangacg	cannnnannn	nnngaangann	120
nnnnncngng	gngncntgna	nannnacaan	aggcngnana	cacnnngnng	anannggcnc	180
annnacacgn	ananannnac	canaacannn	cngctancan	naagannnca	cnnnanagca	240
nnnncacng	ngngggancc	gagngcgnga	cntnnnccna	ttttttggga	aaccgggttt	300
tgggccaata	acngcttgg	ggnagannct	cacaaacgca	cnnaggagac	gagagagngn	360
agccgngncn	acgntnnacc	agctacagcg	aantcncnng	nnccgcnagn	ngnaaanacga	420
gacnnnagna	gnnacnacca	anannaccan	gggaaggggg	gggaaccnnn	cgnccaanag	480
nccnnacacn	nantaaanan	ngagngnngt	aagacancca	ngnnncaaan	tgnaannnnn	540
anncaanacn	aaaanaancc	nnnnacctat	acnnagncac	aacaactnan	ancnnagaan	600
annannntnt	cnannnnaan	caaaaaagaa	tcnncannta	nannagnanc	ganncgcgca	660
nanncncaan	gtannaanna	tantannaca	cgacgganac	atngnanacn	angcgnanan	720
acangnnnan	cncancanan	ancnangaag	atntntncga	gaacgcgctg	cngnatacac	780
ancngctnnn	gacngnnnaa	cncagnann	angcntnang	acncacnnna	cacacncgcn	840
annncaneng	cacagcgngg	atanacgaac	gnnncaagct	cnagnaanaac	aggtangcca	900
cangnagagn	anaccnnnna	cnagnnaaan	aagnacatc	accgatanat	nctcgannnc	960
naccagcnnn	nnnncagnga	cnncaccgcn	nnnanctctn	ncnacangnn	nanagnaccnn	1020
ngcntncaca	cgnanaanaa	tctnccccca	gaagcncggc	ncncgncacg	anacgcagag	1080
naccgncagn	atnantnacg	cgcaaanagc	gacanaangc	angnccaaga	tanagnngan	1140
agcgnnatan	nagcacgctn	acacagcgan	acnngaagan	cacgngnann	tnntnagana	1200
cannnnngnaa	nacagcctnt	gacgnaaacac	agcannacat	cnnacagctc	ngacancacg	1260
anananggac	agncncngan	acacgngaac	nacncaannn	cacannagan	gagancannc	1320
tnannnagat	ganancctanc	anncacgnga	tnncaactata	tngannangn	ncgntgccgn	1380
ngnnancage	agcngcacc	ancnccctact	tgcntactnn	atncnatgag	caccaacgan	1440
ataagannac	cacnccctnn	ancgannana	tgaacacatn	canntaaann	gnagantnan	1500
tanacgacnn	nencannnac	ngangtacag	nnnnntcacc	annngcgnnn	gatangctcn	1560

```

nntataactaa cnnananana gnnnnnaacaa cagaaanaaa cactnagacag agaagcnnnc 1620
ncatgatnnc ccactcagca ncnnnngagt cngcngannn tcnnnnnctn atcnnncagaa 1680
ntnctntnnch 1690

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```

<210> 4683
<211> 933
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(933)
<223> n = A,T,C or G

```

```

<400> 4683
gagnagggng ttctaattct ggctntcagc ccaanaacag ctctgttctt gncangatc 60
cgntegatgt tetccantgg accatccagc ctttttccna gccaggaaag cccggntnga 120
gcanntgata tccangaatg ngngaggctg negnngcaag gancacctna ggtcnggana 180
tctnananac tcttgccnnc atnntgaaac cctntngnna ctatgnannn tcncaaatca 240
gctnngnnnn ctggngnacg cntgnagtgc cagcncang gaggtgatg cagctgaacc 300
cctgancgcc ggngatggta agattgcntt gacgntnana tcnaccatt ggnactccat 360
cctggggcan gangaacnan anctntgact cagggtaatg taatcnnnag gtggntggat 420
aaacttgagg ataaaggntt cgannatcaa nactggaggc aactttnnch ggntaacctt 480
atntantanc tanaatatat ntggaaaten nnnacanggc aatnggctan ancnncannc 540
ccttggtaan acaccntan ttcntaggg gcacgcgttn acggcangnn tnantcnnch 600
taanaaaccc ancgtaggtt gntaagggtt taccanntan tcnagaanaa tcnacgccc 660
cctnngatct tctnnggcn cttggggcaa ncaaaaatgn ntgaaaaacn tcttgngagn 720
tccaatanan cccacnanat ttcnnaacta tntaagcac cnntaanntt ggnaaaaacn 780
cnaattngg naatcantat tangganggg ggacatccat ttttaaaccn ttnganaatn 840
nccccnaaaa cnatgctnt tctannngga agncccaatn nggcataacn aaannntttt 900
gngngnannc ananatecnn tctctnnntc nnc 933

```

```

<210> 4684
<211> 1383
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(1383)
<223> n = A,T,C or G

```

```

<400> 4684
ccccnnnnnn nnnncacccn anccccnnnn nnacnancce nanaacngcna anaannanct 60
nnccnannan cnnanangnn ncncaannc aancncnna anacnanncn nananncnnc 120
anancnnaca nnnannanna nnnnnnnnn cntcnanaaa cactnagcnn nnnnnnnang 180
nnnnnaangna gggggnnnnn nnnnnnnnn ngagganncn nnnngggagg annnggcccc 240
gttttttctt gaaaanagnc cttgggggna acagggcnan acantcanca aggagagana 300
ggcnannana gggccttttn naacangcca nccacanan gaacnnnnnn aattcnggaa 360
aatangcgca cnaaccaggc anacnactcc ngcgacgat cnccaaancn ntgggggaac 420
acatcnnca caacnancnt nnncccnana agcctnangn ccacnacnaa ccccnncnaa 480
ncganaacac anccccana accnaacna aanacanacc cactcnnang acaacngnnc 540
anncnagcac cancnatcn nnnccggacc antnnngca naccaaagna caccagcnan 600
ancgnnanc caaacacaca gataaacnch nanagnntcc atngcataan cggaanngnc 660
accatnctnc naancaaann nccccnna nccanancn acttancat aacaccanc 720
nggtncgacn acaacngcan ngcnactaca tcncaaacac agccaacng acncaaac 780

```

acnacacagc	ccgcgcctaaa	cccttaaccc	tncaanacca	ttancnagac	ctaacncnaa	840
canncnagnac	ggncaccann	nncacnccna	tagaccnag	nncnncanac	cggagnaanaa	900
cnntcnggnn	tananaanaac	aancaccaac	nataangcaa	cngcnagna	ccnaccaca	960
tnnccnctc	anannnaccc	nnacacgcga	ancaccgagc	aacannctgg	gcnaatacnc	1020
tgacacacnn	ccgcatagc	gacaaanacn	ttcgcanngn	nnnaaancan	nncgagcanc	1080
cccgnccctnn	naacacaaat	ngcnaanncc	agagcaacca	cacancagga	tcaacaacac	1140
atanngggna	ncngcnanag	agggcaaan	gncacaaaac	cnaaaacata	ctctnnaaac	1200
acacaaaggc	cnccgacaaa	anntnnacn	nncananacn	catcgagac	caccannaan	1260
aaccnnnggg	acgcgcncca	ntnnttccan	ananagnann	naccncacca	ttacgagcga	1320
taancctcaa	aaaacnngga	acantacccc	gaacggcccc	actcantntn	ngnggatcaa	1380
cg						1383

<210> 4685
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4685						
ctaatacnaa	ncnnngcctn	tcgnnctnnc	cgaaanaaan	aggctnnngc	gtggtgggaa	60
gcgtgcggtg	ccgcagcaat	ggcggcgctc	acaattgcca	cgggtactgg	caattgggtt	120
tcggcttttg	cgctcggggt	gactcttctc	aaatgccttc	tcacccccac	ataccattcc	180
acagattttg	aagtacaccg	aaactggctt	gctatcactc	acagtttgcc	aatatcacag	240
tggtattatg	aggcaacttc	agagtggacg	ttggattacc	cccctttctt	tgcattgggt	300
gagtatatcc	tgtcacatgt	tgccaaatat	tttgatcaag	aaatgctgaa	tgtccataat	360
ttgaattact	ccagctcaag	gaccttactt	ttccagagat	tttccgctcat	ctttatggat	420
gtactctttg	tgtatgctgt	ccgtgagtg	tgtaaatgca	ttgatggaaa	aaaagtgggt	480
aaagaactta	cagaaaagcc	aaaattttatt	ctgtcgggtat	tacttctgtg	gaacttcggg	540
ttattaattg	tggaccatat	tcatttttcag	tacaatgggt	ttttatttgg	attaatgcta	600
ctctccattg	cacgattatt	tcagaaaagg	catatgggaag	gagcatttcn	ctttgctgnt	660
ctcctacatt	tcaagcatat	ctacctctat	gtaagcacca	gcttatggng	tatatctgct	720
gcgacccctac	tggttcactg	caagtaaacc	agccttttgt	ctgtgggaaa	aat	773

<210> 4686
 <211> 784
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(784)
 <223> n = A,T,C or G

<400> 4686						
gntntttnta	agcgannngc	tacttgctct	ttgcgcgagn	ccntatnttc	naattcggca	60
cgaggnggtc	tcctgagcca	gagtgtgctc	agacagcagt	ccagctgggtg	gaaagggact	120
tatggagaga	aaaagaaaag	cgatgtagaa	aaattgaaaa	gaggtacaga	nacagctgga	180
ttggttacag	ctcgggtgtt	gccttatttt	gaacagggtt	tgaacagttg	gccacctttg	240
gttgctcaaa	acttggtgat	tggcacanga	gtangttaca	gtctgtttgc	acatccnttt	300
aggttgcngt	tactgtgtga	cagagaaaacc	tttaggctga	acttaaaacg	ngtnaggaga	360
cagctttctg	cttgatttaa	cagtatcacg	ggtgtgtgtt	gngaggtag	gaggtggggg	420
cncttnantn	cngtctncta	ngnntgtgtc	aacntctggt	gcagtatctg	tgcnnnttgn	480

atctnctgga	ancnctnctc	taacngactt	ggntaccang	ntnnctcttt	actnantggg	540
tnnangggcc	acccttnntc	ttattnnngn	tggcanaanc	nttcccttn	ggtnnctngg	600
naaactnttt	atgtggctct	ttgntgnnan	aaganntggc	tttttnggt	ntgnttaang	660
gtnnctnttt	tgnnaaantt	gctcttttgt	nnntntgttn	actaaacccc	tttttntaa	720
cccttttana	nnngntnaaa	acnnttttaa	tenttecnat	gnnnnnaann	ntntnggggt	780
cnct						784

<210> 4687
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (751)
 <223> n = A,T,C or G

<400> 4687						
ggtatagatc	attctacttg	ttctttctnt	atgcaggatc	ccatcgattn	gaattcggca	60
cgagaccac	ttaggtggcn	ccaatgnnga	cntncagann	gnacagtncn	ttnatnnatg	120
gggnngtgan	ngcntntata	tcataaatct	caagaggnc	tgaganantc	ttntgctggc	180
anntctgca	nttgtngcca	ttnaaaaccc	tgctgatncn	agtgtnatnt	cctacgggaa	240
tactggccag	aagggtcttg	ctnaagtag	ctgctgccac	tgnagccact	ncaattgctg	300
gcctcttnan	tcctggaacc	tttactaacc	atatccagg	ancntttcgn	gagccanggc	360
ttnttgnggt	tactgaccn	atggntnanc	accagctct	nactgangca	tttatnnta	420
acctnctac	cattgctctg	tntaacacag	attctctct	gngctatgtg	nacatngtca	480
tatccatgca	acagcanccg	gagctnactc	agtgggtaan	gatgtggngg	atgctnnctc	540
ggcaagttct	tcncatgccg	tggcancatt	ttccatgaan	acccttggga	gggnaatgcc	600
tgatcttnna	cttnnacana	aaatcnttga	ngnaaaattg	cnaaatntan	taaaccngnn	660
tntcttgntt	gngaaangcn	natgaacnca	ttggaangga	attttcangg	nnntaantgg	720
ggnnttnntt	anccttcenn	nnanannnnn	g			751

<210> 4688
 <211> 1383
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1383)
 <223> n = A,T,C or G

<400> 4688						
cccnnncnnn	nnncnaccn	anccccnnnn	nnacnanc	nanacngcna	anaannanct	60
nnccnannan	cnnanangnn	ncncaannnc	aancncnna	anacnanncn	nananncnnc	120
anancnnaca	nnnannanna	nnannncnnn	cntcnanaaa	cacngacnnn	nnnnnnnang	180
nnnnaangna	ggggnnncnn	nnnnnnccnn	ngagganncn	nnngggnagg	annnggcccc	240
gttttttctt	gaaaanagnc	cttgggggna	acagggcnan	acantcanca	aggagagana	300
ggnannana	gggccttttn	naacangcca	nnccacanan	gaacnnnnnn	aattcnggaa	360
aatangcgca	cnaaccaggc	anacnactcc	ngcgacgat	cnccaaan	ntggggaanc	420
acatcnncna	caacnancnt	nncccnana	agcctnangn	ccacnacnaa	cccccncaa	480
ncganaacac	anccctana	accnaacnca	aanacanacc	cacnncnnang	acaacngnnc	540
anncnagcac	cancnatncn	nnccgggacc	antnnngca	naccaaagna	caccagcnan	600
ancgnnanc	caaacacaca	gataaacn	nanagnntcc	atngcataan	cggaannngc	660
accatnctnc	naancaaann	nncccntnna	nccananc	acttancant	aacacccanc	720
nggtncgacn	acaacngcan	ngcnactaca	tcncaaacac	agccaacncg	acncaaaacc	780


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acnacacagc ccgcgccaaa cccttaaccc tncaanacca ttancnagac ctaacncnaa      840
canncnagnac ggnaccann nncacncna tagaccnag nncnncanac cggagnaanaa      900
cnntcnngnn tanananaac aancaccaac nataangcaa cngcnagna ccnaccaca      960
tnncccnctc anannnacc nnacacgcga ancaccgagc aacannctgg gcnaatacnc     1020
tgcacaccnn ccgccatagc gacaaanacn ttcgcanngn nnnaaancan nncgagcanc     1080
cccgnccnn naacacaaat ngcnaanncc agagcaacca cacancagga tcaacaacac     1140
atanngggna ncngcnanag agggcaaan gncacaaaac cnaaaacata ctctnnaaac     1200
acacaaaggc cnccgacaaa anntnncacn nncananacn catcggacac caccannaan     1260
aaccnnnggg acgcgcncca ntntttccan ananagnann naccnccca ttacgagcga     1320
taancctcaa aaaacnngga acantacccc gaacggcccc actcantntn ngnggatcaa     1380
cgc

```

<210> 4689
 <211> 763
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(763)
 <223> n = A,T,C or G

```

<400> 4689
ctngttcttt tttcaggatc ccatcgattc gaattcggca cgaggatcag atggtttaac      60
tnttgnggca gnnccgagaa anctntgatg atngangaca nntttttaag aaagcaagaa     120
anaaagatac tatggggtca agtgtaactc catggaaatg ccacgtntgc tcttcagtga     180
anaagctggn tnanagtnnc acngaaaact tttgactgta tntatttatt gntgcaaaaa     240
agacgttttt atattgcngc cctcatttgt cacctaagna tnncttctta taaaatccag     300
ccccggatnc atataancat ctgtanctna tcatgattcc tgntgnaaaa gtcancnacg     360
acctntagan gnccttttctt nctatgaaag gagctgctat gncacatgtg cacacnccgc     420
acaactgggn atnaacaatg agttttattgn ncntgggtgga ccaaaattaa gcttgcntaa     480
gggttgngct aantggacct ggactacaga ctctgacgcc ttgaatataa cagtacaatt     540
tggcnatttc tetgaancag gctaaactga gtaaaatctn tttgaaggng tectnggtgt     600
gaacatttgc cnngaagcta attagnnct ntngnattt naaattcaac ctntggngtg     660
gaatatgaaa cennantnaa acggagataa ctttttctcc ccncanaaan tnaacnttgn     720
gntccntaaa cctttttagg ggatncnaaa ncnttnnnnc cnc                        763

```

<210> 4690
 <211> 805
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(805)
 <223> n = A,T,C or G

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<400> 4690
gnnnnnnntt tgananccat cnntttaaat ncattttgct actngttctt tttgcaggat      60
cccatcgatt cgatcagtat gaactcttaa aacatgcaga agcaactcta ggaagtggga     120
atctgagaca agctgttatg ttgcctgagg gagaggatct caatgaatgg attgctngga     180
acactgtgga tttctttaac cagatcaaca tggtatatgg aactattaca gaattctgca     240
ctgaagcaag ctgtccagtc atgtntgcag gtcenagata tgaatatcac tgggcagatg     300
gactaatatt aaaaagccaa tcaaatgttn tgcacaaaaa tacattgact atttgatgac     360
ttgggttcaa gatcagcttg atgatgaaac tcttttctcc tctaagatng gtgtcccat     420
tcccaaaaac tttatgtctg tggcaaagac tattctaaag cgtctgttca gggtttatgc     480

```

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ccatatttat caccagcact ttgattctgt gatgcagctg caagaggagg cccacctcaa 540
cacctccttt aagcacttta tttctcttgt tcaggagttt aatctgattg ataggcgtga 600
gctggcacct cttcaagaat taatagagaa acttggatca aaagacagat aaatgttttt 660
tntanaacac agttaccccc ttgcttcacg tattgctaga actatctcat tgctatctgg 720
tatagactag tggaacaaac ttttaagaaa acagggataa aaaagaaacc cattggctgt 780
ggctactgat aaaaatatnc ccaan 805

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<210> 4691
<211> 1197
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1197)
<223> n = A,T,C or G

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<400> 4691
aggggtttac actnctaaaa ttnttgagct nncgntgggc gnaaaggggg cnccttaaaa 60
naanttaagg cccnctnaa aaanaatcag ggannattnt ggggggggctt tgnngggggg 120
gtcatctatc nnnacacctt aantntatta cncatagata ctcaattnc ntctctagna 180
natnnnngga tcttntcgg ctntnnancc nctcctacta ttactnctna aacgtncenn 240
catantctnt ntacacatat atctnanata ctatacatat antntcatan tnttactact 300
ctnatntctc ntctacatct ctanttatnn ntcnntcnct ntctnctac tantctcata 360
tctnnacgac nnactatttt tntccnntt cctnctntcn cnntnttanc cccnatnann 420
atctntcacc nttnattttc naatactcta tctattantt aactatctnc tnttccnnnc 480
nnntnnnnct atnnnncttc tananactcn tccnctnnnc tntnnnnnnn taantcnntn 540
cnntctctnn tnnnnnnntnn tgnnnancct nactaanntc ntcnntcn ntnattanna 600
nattnttaca nntctccct ncanctnnnn natntatan tctnttnc nnttcantnt 660
anatntntn nctancnntc nntaattcaa nattnatntc atctcnntt ntnnancat 720
nacaatnacc nccanntcac ctaatnttna tcnacacna cncnnnctn tancnnata 780
tnactnncnc anttcnntnt natctctntt tnacacactc cnnngantat actnntnaca 840
cttcttatat nntntacntg tnatacactc ttnacntana tatnnatcan actnatanaa 900
agcatactat catcttacct nctntnatat accatncacc aatcacttan tntatncatc 960
tcannacanc tccacatatn actcatcnct aatatgtctc tataatnttn catctactca 1020
ntcacnnnna ctctntagat atatnctata ctncancta tatntatcna ttcactaca 1080
nantanctcn catctnttgn nctatacnat aattgtntct catatntntt tctctacan 1140
nctttatctc gatntttatc ntgtancnnc nntntatcta natatnacat atcacat 1197

```

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<210> 4692
<211> 1050
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1050)
<223> n = A,T,C or G

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<400> 4692
nntnancccc nacngctttn cntntccaat nnccttaaac anaaaggggc tggggcnnag 60
cnnagaacac atacaganan anacancnaa gngnctaggt ttttcacctt ttnnacacnn 120
aaancancac gnnccgagtn ncgagaacc ngcgcnncna gcnncnngan ncgcnngann 180
nccncgangg ctagagcccn nnnngnnaga ggcancaacn aaccatcacc anngccaan 240
cncatnncan tcnagananga ganagcaaca cctgnatnc naacaagaac ccanaantan 300
aanccannaa gtnanaaann agancatca nncgaanacc catntnaccn ccccanagnn 360

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cnnnnanctn	anagnccagn	accnnaennc	caancccnnn	cgacnaaaen	accnctaca	420
nncgaatnecg	naanntccan	gaccanctca	nnentcten	annngenctc	nnncanntnn	480
accnnaant	gccanncnan	tecccananc	nnentncca	aaentnanc	ccacnccata	540
gccanccaag	aaccnncaaa	cnnctnecgnc	anntegatnc	ncatnccac	cnetgcnat	600
acgnntnanc	acntcacaa	ncacgccaaa	accnnannnn	nncanaccga	cnggacancc	660
tcnctacgcc	nangnaatcn	nccnccact	cactcacctn	nnctacntac	atnagtnaaa	720
nanccctcat	ctagaccaga	acnncacta	tctacnaactn	annctnnana	gacacagnca	780
caatctnnan	actnacacga	tencanacac	cccaactccc	ncagcaaang	ctnnnatca	840
ncnactcatn	cnactctnta	ctaaacgctn	nnntcacagn	gcgnaccana	annngcnata	900
nacatncacn	naaanacgna	ccnncgatnt	ctncactann	acncaagtnt	cnnntcnntn	960
nncactcaan	cacnctanga	nnnnatgogg	tactcgnaga	aatctengcc	catagnnca	1020
cacannancc	ccctacgcac	anntccncc				1050

<210> 4693

<211> 776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(776)

<223> n = A,T,C or G

<400> 4693

caaacngctg	gctacttgtt	ctttttgcag	gateccatcg	attcgaattc	ggcacgagggc	60
taagtattct	aggatctaca	gttatgggtca	ttcatgctcc	aaaggaagag	gagattgaga	120
ctttaaatga	aatgtctcac	aagctaggtg	atccaggttt	tgtggtcttt	gcaacccttg	180
tggtcattgt	ggccttgata	ttaattcttcg	tggtgggtcc	tcgccatgga	cagacaaaaca	240
ttcttgtgta	cataacaatc	tgctctgtaa	tcggcgcggt	ttcagtctcc	tgtgtgaagg	300
gcttgggcat	tgctatcaag	gagctgtttg	cagggaagcc	tgtgctgagg	catccctgg	360
cttggtattct	gctgctgagc	ctcatcgtct	gtgtgagcac	acagattaat	tacctaaata	420
gggcccttga	tattttcaac	acttccattg	tgactccaat	atattatgta	ttctttacaa	480
catcagtttt	aacttgttca	gctattcttt	ttaaggagtg	gcaagatatg	cctgttgacg	540
atgtcattgg	tactttgagt	ggcttcttta	caatcattgt	ggggatatct	ttgttgcatg	600
cctttaaaga	cgtcagcttt	agtctagcaa	gtctgctgtg	gtcttttcga	aaagacgaga	660
aagcaatgaa	tggcaatctc	tctaataatg	atgaagtctc	taataataat	gaagaaagct	720
taacctgtgg	aatcgaacaa	cacactgggtg	aaaatgtctc	cgaagaaatg	gaaatt	776

<210> 4694

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4694

ntnncatac	agctacttgt	tcttttttgc	ggatcccatc	gattcgaatt	cggcacgagc	60
acatttttct	gttttcttcc	aagccctcca	cagtgttcca	acctctgccc	gttaccatt	120
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	cacccactc	taccagtacc	180
aattttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	240
tataaaggaa	ggaggtttta	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaagtc	cctacttcac	atggtggcag	gaaggagaag	360
aatgagaacc	aatgagggga	gangeccctt	ataaaaccat	cagatcttgt	gagaacttac	420

tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aatttacgat	gagatttggg	tgggaacaca	540
gccaaacccat	atcaagtatt	aacagnagaa	ttaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgacgggaaa	aaatgttttt	ttgtgaaa		768

<210> 4695

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (768)

<223> n = A,T,C or G

<400> 4695

ntnncatac	agctacttgt	tctttttgca	ggatcccatc	gattcgaaatt	cggcacgagc	60
acattttctc	gttttcttcc	aagccctcca	cagtgttcca	acctctgccg	gttacctatt	120
tccaaagtca	cttccacatt	ttcgggtatc	cttatagcag	caccccaactc	taccagtacc	180
aatttactgt	attagtccat	tctcatgctg	ctataaagaa	ctgctcaaga	ctgggtaaat	240
tataaaggaa	ggaggtttaa	ttgaccacag	ttctnagggt	tcgcaaggcc	tcangaaacc	300
tacaattatg	gtggaagggg	aagcaaatgc	cctacttcac	atgggtggcag	gaaggagaag	360
aatgagaacc	aaatgaggga	gangccctt	ataaaacccat	cagatcttgt	gagaacttac	420
tatcatgaga	atagcatggg	ggaaactgcc	ctgtgattca	attacttcca	ctaggtcact	480
cccaccatac	atggagatta	taggaactac	aatttacgat	gagatttggg	tgggaacaca	540
gccaaacccat	atcaagtatt	aacagnagaa	ttaccangc	tgaggaanga	ctctcagagc	600
tcaaagactg	gttnttcaaa	atacagttnn	nccaaaatnn	aaaannaaaa	aaaaactcgg	660
cctntaaaac	tatantgagt	cgtattcgta	gatccagaca	tgataagata	cattgatgag	720
tttggacaaa	ccacactaga	tgacgggaaa	aaatgttttt	ttgtgaaa		768

<210> 4696

<211> 764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (764)

<223> n = A,T,C or G

<400> 4696

ntantaaatc	ccttgctctt	gttctttntg	caggatccca	tcgattcgaa	tnccggcacga	60
ggacccggcg	gcgcggacag	gcttgctgct	tcctcctcct	nngactcacc	attncaganc	120
agaanntgaa	aaaatggng	anctcaccca	ggtaanggat	gatgaagtnt	tnatggctnn	180
tgcatactat	gcannanttn	tncttntgna	aatgatgcnt	atgagtactg	taanngnntt	240
ctatncattg	ncaagaangg	ntnttgncaa	tncatangac	tgtgtagcat	tcggcanagg	300
agaaaatgnc	aagaactatc	ttcgaacaga	tgacanagtg	taacgggtac	gcagagncca	360
cctgaatgac	cttgaaaata	tnattccatt	ncttgnnaatt	ggcatnctgt	attccttgag	420
tggtcccgac	ccctctacag	cnntcctgta	ctttagacta	tntgctggag	cncggntcta	480
ccacaccatg	tgcatatttg	acaccccttt	cnnatccaaa	tatagctatg	actttttttn	540
gtaggatatg	gannactctt	tccatggctt	acacgntgcn	gtaaagtaaa	ttggccctgt	600
gcagaaaaac	attccactca	gtnttccaan	tggtctntta	aggaattctn	gaccttgcaa	660
ttnatantgg	agnnctttcc	ttaagattta	aagggtttgan	ggngagccnn	aggaattntn	720
aaccnggggt	aaaccctttt	tggaattttt	agccttgnca	anaa		764

<210> 4697
 <211> 744
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (744)
 <223> n = A,T,C or G

<400> 4697

ttaantaann	ctntntcttg	ttcttttttg	aggatcccat	cgattcgaat	tcggcacgag	60
gcggggcggc	gcagcccag	ctcccggacc	cggaagaagc	gccatctccc	gcctccacca	120
tggagcccac	cgcaccgtcc	ctcaccgagg	aggacctcac	tgaagtgaag	aaggacgtga	180
gtaacgcagc	tgtgcccagg	gcggggcggg	gcgggctgca	gcccagcggg	agacgaaagc	240
ggaagcctgg	agtccgagga	caaggaggat	cctccagggtc	ggaggagcgg	aaagtccctag	300
cacaggagga	ctgtggcgag	ccctgcatcc	gagggacctt	ggtggcagtg	atcctccagt	360
gatctgtcaa	tccaggtttt	acatcgctaa	acgcagagct	tgggctttgt	tgccaagtgg	420
tgttttgatt	cttgcacct	cctcaccat	ctcctcatgc	tttccccca	actgggttct	480
tggagatgct	tcgttaggga	ctggcggttc	agattcatcc	ttaagtcagg	ctgcctaggc	540
tgctcactca	gcctagagcg	ctgtgtacc	aggtgaagga	tcccagcag	tggacaaaa	600
atgtgaaact	cttttgcata	ctggggcttg	aggaagctca	acagctgaaa	gcacaacctg	660
gaattccct	agtnagcaga	cgccacata	tttaaattgg	ggttggggga	atgaatacnc	720
gtactgagaa	taatgtncag	gtaa				744

<210> 4698
 <211> 1224
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1224)
 <223> n = A,T,C or G

<400> 4698

gggttanccc	tttgnaactt	tgctaaatng	cttggcaact	cgaactcnct	gcanggtnc	60
atcgtttcga	atnecggcncg	agacgacacg	cttctgcagg	tgaanggcac	gcggcgcccc	120
cggttncttn	nagctgngnc	gtatgaagct	ggatggngnc	nntgnggana	angtagngct	180
tgatntgcta	ataagaaatt	tcttggaata	gagactagct	ctcaacgcac	ccnngngnc	240
ggncggcttc	cnngcncncn	gacaannanc	tcgncaggng	ccngnatncg	gancantnct	300
cncanaacaa	gggcgctggc	gccaagaata	gacaangngc	ggcatggcca	acnaaacgg	360
tggcctncgn	ctggcaanga	angtgaagaa	ggcngtcann	ncnaagnnta	nccaaantgn	420
cctatgnccn	naatgttgag	ctctntnaaa	attcnntanc	ttnttnnnan	tgnnnaanta	480
ncncacanca	ggttttcatt	nnacncanta	ntannntnctt	nnanganctt	nnncattagn	540
ccatnntcnt	tacattnaat	tccaatncng	tnntggnttg	nnccgccact	tgcnttctnt	600
annctgcnn	nettcennnc	cgncantnnn	ngactgtnat	cnttngtnnc	tactcttnnt	660
gcattncntn	cntatcaacc	ccaattgccc	nntnnaatta	ancgcanttc	tcctcatteg	720
ncatnncctc	netantattt	actcgnntct	acnanttnac	ccaccgtntt	tannngctnt	780
ntntntntaaa	cccnntcttn	anctccnaca	tacgcnatnt	tttacacacc	tncttncttc	840
netcnggcta	tanngacccc	ntacattatc	tcactctcanc	tctnatacnt	gtcnccttat	900
cngngntatn	ctnttctatc	gcgncnnatc	nnacggcctc	acatnttnng	netcaenent	960
nnatnnantc	tacacacttc	tcnntcatan	tgtctcaaaa	actngnanct	actcttnact	1020
tnnaganaat	tntatctnnc	catactcatc	tnttcatagc	gaatctntnt	acntctggta	1080
tcnncnctct	gttagntngg	acacttcttc	tngtctcttt	nnctnatnaa	ccgntatgtg	1140
nggtntattn	tcncaatncn	ctntntccan	ntttatcatt	nggtttcccc	ctntngccnn	1200

atantgggng acacantngn tnnt

1224

<210> 4699

<211> 803

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (803)

<223> n = A,T,C or G

<400> 4699

gnnnnnnnnn	nttttgcana	cegetggcta	ctngttcttt	ttgcaggatc	ccatcgattc	60
gaattcggca	cgaggcaacc	ttegcctect	gggttcaagt	gattctctct	cctcagcatc	120
ccaagtagct	gggactacag	gcacgtgcc	ccacacccag	ctaatttttg	cattttttagt	180
agaggcagg	tttcatcatg	ttggccaggc	tggtctcaaa	ctcctgatct	caagtaatct	240
gcccactttg	gcctcccaaa	gtgctggcat	tacaggaatg	gagccaccgc	gccagcctg	300
atttcttttt	ttagggtctg	tcaggaaaga	tattgattct	tttgattcgt	gaacatggtt	360
tttggtcgtc	tttaatttgt	ctcatcagtg	cctccatgtg	tttttgatgc	ctttgaactg	420
gtatttttaa	aatttcaatt	tctaatttgt	cattatagaa	acacaattgg	gttttatata	480
ttggcattgt	attttgcaac	tttctaaac	tcactagtaa	ttctagtagc	tttttttggg	540
agattcttaa	ggattttctg	tgtaaatagt	catgtcattt	gtgaataaag	ccattttttt	600
ttccttttca	aattttgtgc	cttttatttc	ttattcttac	catatcacat	tggcaaagac	660
ctncagtatg	atattgaata	aaagtgggtga	gagaaaaaca	nannttatnn	tnnnnnnnnt	720
cnnnnnnn	ncnnnnnnct	ncnancctc	ccnnnnnnn	nnnnnnntcct	tacnnnnnnn	780
nnccccctt	ttaaanttnn	nnn				803

<210> 4700

<211> 770

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (770)

<223> n = A,T,C or G

<400> 4700

ggngnnnnnc	ntttgaaatc	tntatacan	tacttgttct	ttttgcagga	tcccatcgat	60
tcgaattcgg	cacgaggttc	gtcgtggcaa	cgttgctggt	gacagcaaaa	atgacccacc	120
aatggaagca	gctggcttca	ctgctcaggt	gattatcctg	aaccatccag	gccaaataag	180
cgccggctat	gccctgtat	tggattgcc	cacggctcac	attgcatgca	agtttgctga	240
gctgaaggaa	aagattgatc	gccgttctgg	taaaaggctg	gaagatggcc	ctaaattctt	300
gaagtctggt	gatgctgcc	ttgttgatat	ggttcctggc	aagcccatgt	gtgttgagag	360
cttctcagac	tatccacctt	tgggtcgtct	tgtgttctgt	gatatgagac	anacagttgc	420
ggtgggtgtc	atcaaagcag	tggacaagaa	ggctgctgga	gctggcaagg	tcaccaagtc	480
tgccagaaa	gctcagaagg	ctaaatgaat	attatcccta	atacctgcc	ccccactctt	540
aatcagtgg	ggaagaacgg	tctcagaact	gtttgtttca	attggccatt	taagtttagt	600
agtaaaagac	tggttaatga	taacaatgca	tcgtaaaacc	tttagaagga	aaggagaatg	660
ttttgtggac	cactttggtt	ttcttttttg	cgtgtggcag	tttaagttat	tagtttttaa	720
atcatncttt	ttaatggaac	aacttgacca	aaaatttgct	acagaatttt		770

<210> 4701

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 4701

ttncatcagc	tcttggttctt	tttgcaggat	ccctcgattc	gaattcggca	cgagggagga	60
cgaggaggag	gacgacgaag	aggaggagga	ggaaaaggag	gtggaggagc	agcagcagca	120
gctgcagcag	ctaatatgtt	gtacttattc	tgtgctgggc	aaaattcttg	atatttttca	180
tgtactattt	aagcctcaca	aaaatcttat	gatataggaa	atgcttggtt	ccatttgga	240
catgaagaaa	ctgaanaaca	gagaaatgtg	aaacttgctc	agggtagtct	gtccagagtc	300
tgtattttta	ctactgctgn	gttgccctcc	attgcatagt	gacttcacgt	gtatagggtg	360
ttttatcatg	cgaggaaaata	tttgagtata	aactgtatgt	ggtacaaatc	attttttcca	420
aatgggaata	cagtgtgttc	cctaaaatta	atgaatccaa	tataattcca	cctaanacaa	480
ttactgagtt	ttttctttgt	ggttgccagag	cctaactcat	cccatttccc	tcctgtgcac	540
ttttcatttt	taggatttgc	atcttcata	ttagtgaatc	tttgatctaa	tagntctggc	600
tatttaattag	tagttttaaa	acatcttttag	caccgtcttg	gtanctttat	tcctttcttt	660
ttacctagac	agtttctctt	aggacaaatt	ctttttgttc	cacttctctt	tgatctgcta	720
tccacccatc	tcaaattatc	aattttcttt	ctgcac			756

<210> 4702

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(760)

<223> n = A,T,C or G

<400> 4702

tttnnaannnn	tcangctact	tggtcttttt	gcaggatccc	atcgattcga	attcggcacg	60
aggtgtcaaa	tttcttgta	ctcttgctca	aaagtgtcct	gcagctaagg	agtncttcaa	120
ggagaattcc	caccactgga	gctgggctgt	gcagtggcta	cagaagaaga	tgtcagaaca	180
ttactggaca	ccacagagta	atgtctctaa	tgaaacatca	actggaaaaa	cctttcagcg	240
aaccatttca	gctcaggaca	cgttagcgt	tgccacagct	ttgttgatg	aaaaagagca	300
atcaggaagc	agtaatgggt	cggagagtag	tcctgccaat	gagaacggag	acaggcatct	360
acagcagggt	tcagaatctc	ccatgatgat	tggtgagttg	agaagtgacc	ttgatgatgt	420
tgatccctag	aggaacatgc	ccagcctgag	aggagtcaag	acacaatact	ggatgctcag	480
caccttcttg	gaatcagaat	ctcgaaccct	ttggaagagc	ctggagattg	gactgggaaa	540
gctgctgtga	cttgggcgga	tcgtgtattt	ctcaaggaaa	gcatttttaa	gccctagaag	600
gtttgggagc	tgtttggcag	tgggagaact	ccggcatgtg	gatcaactgt	cccgggagcc	660
tgggtctatat	gtggattcac	atcttctgtg	agattttcng	aaatgaaccc	gtggcagact	720
tttttggttn	cacgaacntc	cagaatgagc	cttaaagctn			760

<210> 4703

<211> 805

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(805)

<223> n = A,T,C or G

<400> 4703

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gnnnnnnnntt tgananccat cnnttttaaat ncatttttget actngtttctt tttgcaggat      60
cccacgcgatt cgatcagtat gaactctttaa aacatgcaga agcaactcta ggaagtggga      120
atctgagaca agctgttatg ttgcctgagg gagaggatct caatgaatgg attgctgnga      180
acactgtgga tttctttaac cagatcaaca tgttatatgg aactattaca gaattctgca      240
ctgaagcaag ctgtccagtc atgtntgcag gtccnagata tgaatatcac tgggcagatg      300
gactaatatt aaaaagccaa tcaaatgttn tgcaccaaaa tacattgact atttgatgac      360
ttgggttcaa gatcagcttg atgatgaaac tcttttttct tctaagatng gtgtcccat      420
tcccaaaaaac tttatgtctg tggcaaagac tattctaaaag cgtctgttca gggtttatgc      480
ccatattttat caccagcact ttgattctgt gatgcagctg caagaggagg cccacctcaa      540
cacctccttt aagcacttta ttttctttgt tcaggagttt aatctgattg ataggcgtga      600
gctggcacct cttcaagaat taatagagaa acttggatca aaagacagat aaatgttttt      660
tntanaacac agttaccccc ttgcttcac tattgctaga actatctcat tgctatctgg      720
tatagactag tggaaacaaac ttttaagaaa acagggataa aaaagaaacc cattggctgt      780
ggctactgat aaaaatatnc ccaan                                         805

```

<210> 4704

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 4704

```

gttnaganca gctcttgttc tttttgcagg atccctcgat tcgaattcgg cagaggggct      60
attaaaaatg taatcagtgt gaaaattcat gccatctgaa tcgtacngt atgtaagga      120
tttgagttcc ttacagaatn ttctgtaatt tannacttca agtgacttat aaatgtatat      180
acttctctct cacaaangtg ttaggagaag gaaaatctna aatactngct tgatttctta      240
atttaataac ataanacaat tctcataaac tgtatcacct aacatgtcac tttcacttta      300
aaagtctaaa gagttgangt ttatntcttt tcttttaaag ttgatgntta tgttggtgat      360
ttccnaaaaag atcagatccc ccgntatgaa ggatcttaac cttgtctttt agatctccat      420
gagaaatgca gtacatgtag cattagccat attncttttt tagaggccta tgtaggatat      480
ttataacctg taaaagtttg atgacttcat gctcaggaga aagcaagtaa ttacctagcc      540
aagccaggtg ggtgttcagg ttagtggtca acagaaagga gatgttgaaa gatttcatat      600
ctnaagggtg aaaacacaag agaagtatat agagataaac atgtaaagtn taagactgta      660
ccatagtaag ctaccttcga agtggcaccc ttgttattat ttttctg                                         707

```

<210> 4705

<211> 845

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(845)

<223> n = A,T,C or G

<400> 4705

```

gngnngtnnn nnnttttcna acgttggttaa catcacagcta cttgttcttt ttgcaggatc      60
ccatcgattc gaattcggca cgaggnnang cngttctgcc nangangcat nctnccnng      120
anatgccacc nnnntgcntg ntnaccnnna cgnnncacac gnetacctgn gggacatata      180
cttcacgcac nggttatgnc cntaccatga annccactg acancnnaac nngancnngn      240
tgttgannac atgaataacc cactgnacna agaacntant ggaatgntan cttnntatgt      300

```


ccttnttccn	gnggaaggag	nggacaacnt	ttancaagtn	ncagntccaa	ancnaacnna	360
nccaantata	ntnaaantna	gngetgcan	tttngtggac	ncettgcnan	atnnnnanng	420
ctctctnnna	ccgntngaaa	ttttncataa	caccatattgc	nccatgattc	tcattgntgn	480
aagacantca	ttcnatntac	cagatnnatc	ttggngngent	ntntncnngc	atnngnnnca	540
ctaaaaactg	ntntnctaac	taaataggat	ttntnttttn	ttatacnngg	anaaaatgng	600
agttgtgcan	naactntcat	nngcgatant	tacannaant	tgtacttgnt	aaatctaaga	660
atctaattgc	angacttaaa	aaanangccn	ttagaactat	agggagtcna	nttacgtcta	720
tnccnacatg	nattgatnca	ttcacgactt	ngtccaaacc	anatntntaa	ttcctgaaan	780
taaatgntnt	ntttngnana	anntggaaaa	gcttcncaan	nttnntaanc	ctaaaaccng	840
gntnn						845

<210> 4706

<211> 775

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(775)

<223> n = A,T,C or G

<400> 4706

gcaaccgntg	gctacttggt	ctttttgcag	gatcccatcg	attcgaattc	ggcacgagggc	60
aaccttcgcc	tcctgggttc	aagtgattct	cctccctcag	catcccaagt	agctgggact	120
acaggcacgt	gccaccacac	ccagctaatt	tttgcathtt	tagtagagggc	agggtttcat	180
catgttggtc	aggctggtct	caaactcctg	atctcaagta	atctgcccac	tttggcctcc	240
caaagtgtct	gcattacagg	aatggagcca	ccgcgcccag	cctgatttct	ttttttaggt	300
cttgtcagga	aagatattga	ttcttttgat	tcgtgaacat	ggtttttggt	cgtctttaat	360
ttgtctcatc	agtgcctcca	tgtgtttttg	atgcctttga	actgggtattt	ttaaaatttc	420
aattttcta	tgttcattat	agaaacacaa	ttgggtttta	tatattggca	ttgtattttg	480
caacttttct	aaactcacta	gtaattctag	tagctttttt	tggtagattc	ttaaggattt	540
tctgtgtaaa	tagtcatgtc	atttgtgaat	aaagccattt	ttttttcctt	ttcaaatttt	600
gtgcctttta	tttcttattc	ttaccatata	acattggcaa	agacctccag	tatgatattg	660
aataaaaagt	gtgagagaaa	acananannna	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
ntnnnnccnn	nnnaantnnn	nnnnccnnnat	ncnnccnnnc	cncttttggn	antnt	775

<210> 4707

<211> 1102

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1102)

<223> n = A,T,C or G

<400> 4707

gggnttcccc	ctnnnaaccc	nttggaaaanc	cnctggngct	ncntgcagga	tcccagcnat	60
ngcactgagc	nntgnggcan	acggcngagc	cntttttcng	cgagacgngc	ccnnccanggc	120
nccggggngc	tcgtgctggn	nagccnatgg	gnagcannna	ncncaancgg	cctnccnana	180
ccagagnnnn	anaacgnacc	nagnnnngtgg	gcncncccta	ngtcnaggac	anaatananna	240
nnctntancg	ctgntngggc	ncgcannaan	ggananannnn	caggcccnnc	aanntaagct	300
ncnngaanca	cncgntntat	acncccnana	naagnnccnc	ngntaacaac	gccaggcgga	360
gcnttcgngg	anananccac	gagngncccg	cctaaggaaa	tggnccgcna	nancagnacc	420
ccgaanaana	gtantngngg	tnnntaance	gagngaacgt	gacaggcggn	acgcaccgac	480
atngggcnaa	anagaatcgc	ctngngngna	catcgngnna	cnagnanaaa	cgtncaacgn	540

```

acannegngc acccnntnnn acnngtcana cgaaacnnen cncgcatntg agagencggc 600
gcnetcnetg caaggggnng cttcnnnacc cccgecnaaa nanttnnnag aaatcccncc 660
nagacgtntt ataccnnaga cacnacnng acccngcggn gcantagtcg nanagagagg 720
ctnggtagn ananncantg cgcncgnntc centtcggcg cncnanaana agcccagcgc 780
tntngaannng tggcnccccn ntgnngnecg gcnagncacc cnggtggcga aaacaacnggn 840
angngccnnt nnnaacncan nggggggggc nanaacccgg ggggaaggcg tnaccngcan 900
aangngaaaa acngcccaca nttnnnctcc gccnggcant ancccnnga acatcgnggn 960
gcannncccc gcannngcccc cggccaggcn ggcnnncccc aggnanntta cgnaccggan 1020
nccccggnnn acnnenaggn ncccnanacn nnggnaccnn ngncnggngg gnnacgatgg 1080
ggncnngcnn gnnetgccan ca 1102

```

<210> 4708

<211> 855

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(855)

<223> n = A,T,C or G

<400> 4708

```

ggtgcttccc cctngaaacc cttntacag genacttgta nttntgcan gatcccatcg 60
actcnaattc ggcacgaggg catancccg aatngngttt ttgatgcac cagtcgtggc 120
attgcaagaa gtctgtctga tgaagctcgg gaagcatttt gcaatattcc cttnggctgn 180
gttcctgtgt tccctgctcc cacttatctt cccctggttt gtgattatta ggagagaggt 240
tntgcaaaga ctcnntgctg tgaaagaatc tttnttaat tnttatccta nagtcantca 300
cttttatctc aggnagtcat gctgatctac ttatccaaaag ccagcnaacc aggnatcatc 360
taccatcttc atggaagact gtgtgtatga attggagtaa cagaactgaa ntacacttaa 420
ncagtgcacag cactacttcc cagggtgggg gccatatctt tctgngtctc actctgagca 480
acttctcana gatacgangg ggctaggggt ttcccatntg gggaaatggg gtgaaagnct 540
gcanatngnt aaaagcaaat gttngaacca ncaataaatn agatnnntcn ncatngnnca 600
atnnngcact anthacnnnn ntnganannn cgtannntnn ctnccnncnc tnggnagtnt 660
cncnnggunc tctnnattcc tcgnnannng atcngcaatt ggnannntca nnatntggat 720
nnacanctat ncgtgancna atnaacntac nntgngnngt acnacnacnn tnactatcnc 780
atacgcgntc naaaancgat ntcacgtntn cacnattngn anatatcann ttctctnnc 840
ttgntctatt naccg 855

```

<210> 4709

<211> 843

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(843)

<223> n = A,T,C or G

<400> 4709

```

tnnnnnnttta nttttaatat actncagctc ttgttctttt tgcaggatcc catcgattcg 60
aattcggcac gaggaacatt cggactcgag ataatcgctc ccttggggag tgggacttgc 120
ctgagctgtg cagcgactgg tggagctaca gaacacgagg gtcccaaagt ccgaagaaat 180
tttctgagcc tttgtacata gatgaggcaa aaacctgcga gtgccatcag cctccctcac 240
atgggagacc ccaacccagc tgacaatgtg gagccccag aacttcagaa ctggtggagg 300
cacatgtctg ctctcctgaa aagagacttg gtttggggac cccacaaaag gaggggaagct 360
gtagctgttt ggatgtgagg agaataaaac taaaaaaa aataaattgg gccaggcgca 420

```

```

gtggctcatg cctgtaatcc cagcactctg ggaggctgag gcggaaggat catgaggtca 480
ggagatcaag accaccctgg ctaacacggg gaaaccctgt ctctactaaa aatacaaaaa 540
attagcccg gcatgggtggc acacgcctgt aatcccagct tcttaggagg ctgaggcagg 600
anaaatcgct ttgaaccng gaaggtagaa ggttgcantg agcttgaaaa ttgcgcccac 660
ttgcaccccc cttaggcgac aagaaccgaa gaacttttgt ctnttaaatt aaattaantt 720
aanttaantt aanttcccaa cctgggggna aaaaanannn nnnnnnnnnn nnnnnnnnnn 780
nnnnnccctt cgancttnt taaaaacttn ttagnggagg tcggtnttta ccgttaaaat 840
ccc 843

```

<210> 4710

<211> 1501

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1501)

<223> n = A,T,C or G

<400> 4710

```

nanggagcaa ggccaggttt ttnnnncngnn ctaannnnann tnnagaaacn acggcttttg 60
nggtttanng gncnaaaaaa ccccncaat gcaggcncca gcagananan aaggagncgg 120
cncggggagg nggnaanana nnnncatana ccngacgaga gnggancacn nntaacagaa 180
gacacaccan aacacnngaa cncancacaa agantcncan acctaannng cgacgaanac 240
ncnacacntn ttttttttc acnaanaana cnaaaannag agngaacgca nnannagnac 300
acnnacnacc acgaggggga gangnacnan agagnggaca acaagagaag aaanaacaan 360
ccaacacgcn cngaacaaca acacccccng acancacaan aacacananc gcaccaaaaca 420
ataanatcag aganacacac agaccaacan aacacncaac acnngcnaaa ancnaacgaa 480
gnaaanncaa acaacnaaan ccacaacgna gancannnac nacacaagna aaaaaatnna 540
nnanaananc aaanmcanaa accnaaaaaa nncacanana acananaatn cnaancnaa 600
ccaanacnaca nnaannanacc ncacagnant aanaaanaac ngnnacanaa nnacacagag 660
acanacacac natacnmaca ccanacaaac caanancnga canactacnn aanannnnna 720
ncnaaacanc gacanagnna nacaacaaaa gnacacgnaa ncatncncac nanagcanan 780
nacgnataac accgnangag aaagatacnn acatnaanan ctanaaacgc ataccgngcg 840
cgncatanaa nagnacnnan ananataata gcaanaana cacnnaagca naaacaacac 900
angncaacaa naacaaaaag anagaatcnc acagacagng cantnacgca cacaactaga 960
cacacaagng anacaacgac acaanataga taagananag anagnnnnag aaaacncaca 1020
cganacncaa cacgaannac aganannnac cacnnaacac aangagcacc nacancaacn 1080
ananananca ccancnanna nnaananan gacacaaaca cncnatataa annnaagacn 1140
acnnacacaca nagatanaaa naanagncga ccgcagnnaa acaccacgac aggaacanaa 1200
nnncnnacna nananngaaa nngtanannng agggagcaaa angaaannaa cacantangn 1260
nggaacacaa anaanancan annnccatna aaganaanna cannaacncc nganaaaaaa 1320
ggaaacacan aancanaccg naaanananc nncnnanana nnacaaaanc accntagaan 1380
cncanaanac ngaacnaaac acaacnman canacaaccg aatnaaannn ncancacaaa 1440
tgnntnanac caaaganaac nanancannn caaacnaca cncncgaagg ntnnnaacnn 1500
g 1501

```

<210> 4711

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(806)

<223> n = A,T,C or G

<400> 4711

tttttaaaac	ttttaagccc	ttgtgcannn	gcaggatccc	atcgattcga	attcggcacg	60
agaatagtag	aaaggggtccc	cattcctgct	cagcacnttt	cctctctacc	ccccacaga	120
cacacatgct	gacacacaca	tgcngacaac	acncatacac	acacatgcag	gcactcacat	180
gcaggcccat	gcacacacac	gtgcacacac	atgcaganac	atgnagacac	gcaggcacac	240
atgcacanat	gcaaagacan	gcatgcangn	acacgnagan	gcaacagaga	canacatgca	300
gattcacatg	cacacacaca	tacacacact	ggncctgtt	tttctgtggn	gtcactgggt	360
gccagnaact	ctgtatatta	cacctancac	taaaacctgg	gccttaattt	ctctcccgtc	420
cccaccccta	aattcctgat	ggatgaacct	aagaacttnc	ctgtacactt	caagccggac	480
tgacgtagcc	tatgggcccc	agnagggtcca	gngccnacgt	tttaattttt	ttntaaaaag	540
ctttaagtct	tgtctgggcgc	ggtggntcac	gcctggagtn	ccantatttt	tgngggaggcc	600
aaagcngntg	gatnacaacg	ngcactgggt	cgngancanc	ctgaacaaca	tgggggaaaa	660
ccctgggttn	taattggaaa	tacaaaaaaa	atnngcttgg	gccanggtgg	anaggcacnt	720
tgtgaactca	acctccaggt	tttttggggc	canaaaagcat	acccccacna	ngcccaattt	780
aattntntaa	aggggaatcct	tggttag				806

<210> 4712

<211> 695

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(695)

<223> n = A,T,C or G

<400> 4712

agattaaaga	ggaaagcaga	gactgggttag	gttattatag	tgtcctaggt	aacagttttg	60
gacaagtgtg	ataaatgttg	aggtgggagg	ggtttagaggt	tggaattcaga	ctctgttttg	120
taagtagaga	agataatgtc	tgtctgatagc	ttggatatga	ggaggaaaag	gagaggagta	180
aaggatgact	cagatttttg	acctgtcaat	tgggtgaact	ctgagattaa	attctgtttt	240
ggctatgtta	ggttggaaat	gctgtgtagg	caattggata	tccaagtctg	gacttcaaga	300
gtacaatttg	ggactagaaa	attaatttgg	gagtcattag	ggaataacca	tgactttgga	360
tgagatcacc	tagtacagct	agagaagaga	aggtagcaaa	agacaganac	ctaaggtatg	420
ccagcattga	ngaagtanag	gagaaganga	nccatccnnn	ngactgncaa	ggaccaccca	480
gttgacctta	gaagaaaaat	caggagctgg	tattctggaa	accatcngaa	gaaaatgttt	540
cacaaanagg	gaagtagtat	tgaatgggtg	naaatgttac	ctatatcctt	ggnaaaaaaa	600
ccacttcanc	tgttttttta	agtaaattgt	gatantttgt	actgcaaata	nctttccata	660
ntncttttca	aaacatgnta	ttttnggncc	tttaa			695

<210> 4713

<211> 998

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(998)

<223> n = A,T,C or G

<400> 4713

ggtgnttccc	cctgngaacc	ctttatacag	cctacttggt	ctttttgcag	gatcccatcg	60
attcgaatc	ggcacgaggn	cacattcann	tntcannttt	tgcancntta	tancaanant	120
catngccgan	acattanntg	nctnnaatag	tactgcangc	ncancatctn	cnnnngatcc	180
ctgtnacctt	gnccctggan	cactcgtnag	ncaagntctg	ntcccagatg	nctgttaacc	240
atnantncna	nanaananna	tcnagggnct	ntttntttcc	nncaaacaga	tgcnatntgn	300

```

cnnggctgn tgtgntgtng agggcnctan genenggcaa ctattnnctt nnangcngaa      360
gtngttacnc ntnanggcnc ncttancttt caatnagnac cacatgcnnc tgccaaatng      420
tgctctnagc taaatnnttg gactntgaan tanggnncna anggtnttgc aataacantg      480
tggatctgna anaagnctgt ttggnnngng acctaatnac ctcancnggg nggnctcnct      540
cttaacnntt tantnccntt cntnganagt gattcatacc aaggtagcca ngnnnggtaa      600
tanttcnact cntgngatcg naantttntc cnttnnatch cnttanagag nggtcgtnac      660
ccangtntgt tcgcttcgcn cttnttttgg ggngaaatgt atntcccat ggaancnttg      720
ggggnnccnn tttgatngcc gtaatancat nggaagtcaa cttggantta aacgggtgct      780
canttannct nagecgaatn tngtcnttgg caaaccttg ccaatacnnc caattaccn      840
atantngcaa agnaaatagg ccnngcatac cnaagnggga ccctttataa attggnnnat      900
ggacttcccc tttnaagtng aacnttggnc ttagcnaaaa ggcnatnttc ttgtatgaag      960
ntcgagann tngnatatat tngggttcta ngggccng      998

```

<210> 4714

<211> 1523

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1523)

<223> n = A,T,C or G

<400> 4714

```

cccccccccc ccnaccnnnc acccannncn accccnnacn canacnaatn nncgcncan      60
tcacncaccc cgnntcgann cnccccnc ctaannccna ncgcctcnc cnggntcgca      120
nnccacnttt gaacctttgc aaanactggc aaaccgcgcn cnanageggg gggnggannc      180
acacncacnn canatactan ncncccacn tncganaacg anagnnnnc cccccaacna      240
ctnaggggca cctcggggnc cctcctcta cgcnacnna ncacatnac nctcengtt      300
canncnngac agnancctct cacccccac gctgtctnc tctcncata cncncccccc      360
ctcccnatac gncncgacan cccagccnn nngnannctn nctcatenna cncacngcnc      420
tacacnnccc acnntnccct tctngggcga ncannnnt ncatcgccnc agcncacnt      480
ctnnctcacc cccatcatna cctnaanceg tctacntntn nncnctcan ctcacgcnt      540
aaccgncann cnccccgna nactncacnc tcaanncana tegancccc tencaccncn      600
accnnnnnnn cgnnccnccc accnnncaan ncnngtnnnc ccacctcgag accnnncang      660
cnaatacccc cgatcancca cncctctant ncagncctnc cgcncnncn ganncacacg      720
angcccnac acnacagcgc antncgncac cncanacang acccactgc cncagcng      780
nnnnggncan aaangnmcng cncnccnta cantntcca cccancncc ntnancnccn      840
tantannacc aagccagtan ncnacactca nctnnegaat cncancacn ccacanacga      900
ccgcaccccc caacnncagc actctcacna cnnngancan canntecac nacactcntt      960
ctcnntactc tntctcantc cccnnncta acngctcact ncacaanena ncnncnncn      1020
anntagcta cgccaacgan acgcacnta nancctacga caccntcac nacacctcac      1080
cgtacccnc cngntctnct ctcnancgac ngaancgtnn cagcncanc acanactcg      1140
agnantcaca cgnnacact ncacgantac tccgncaccn nnnanntnac nccactngan      1200
cgcatcntct cncctaacna cacnacntac cncacctcac nccatatcca cnetcaccac      1260
tcacacanna ganaagnnna naccgtctc agcactact cactancnc ncaacncna      1320
ccacancna nacgtanac cnetcngcgn ctcacannag cngctggnct gcnnctccc      1380
gnatanntc gcacctgan cacncanacn tntccncng cccacgact gagcncnncn      1440
tctcnagacn ncanccactn tcnacacnc nngacgcanc tacngcncca ncnannct      1500
nanngacna cngtccann ccc      1523

```

<210> 4715

<211> 726

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (726)
 <223> n = A,T,C or G

<400> 4715
 gttatnancn gctcttggtc ntgetnctgg atctttttgc aggatcccat cgattcgaat 60
 ncngcncgag tntaggnntg anccattgna cccagecnag gttnttaata nnannnanag 120
 cntgctgntn tnaaaagtga aaagaggcca gntgtggtgg ntactgnetg nggtcccagc 180
 tntccggag gctgaggcat gaggatcatt tnggccagg ctgcaatgca atggcactga 240
 tcacggcttt ctgcancctt aacntgctgg gngggacacg gagtaccctg tttttnaang 300
 aanantgcag agtacncaa ttgnatatgn tatataannn caactntcnt aaagganctg 360
 tatatnnaat gagtggaanc aaatntggca nactnttaat ngnacatatn ttgaaactan 420
 agctcnttac acttctttga nctacaacgg gtatatgtcn tacttanatg atgcacaaaa 480
 ggtgcacccat atatatatat gttnttgacg nnggttntga nagagtttca ctcttgncn 540
 canntcggag aatgtacnga actganatng gngaaatgtc tccancnggg ngatnnagat 600
 nnactgggct ntcgtggaag aatgggtgnt accnnaaaat ttggagcttc tttaaacnan 660
 tggngaggac ntttacntng gtccccaaa ttgtnagggg gncntttggn gantttnnnc 720
 cnnnc 726

<210> 4716
 <211> 1554
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1554)
 <223> n = A,T,C or G

<400> 4716
 ccaccncnn ntnnttnatn nnnccntnch acctnnnnnn nncnnngggn nantngcnnn 60
 nnnnnnaag nnnnctnatg aactnaataa ganntngctg gtctgaaatn gcctaactng 120
 aatagggnct ggggggggnc nncngncnna ggntnatnnc gnttccagtg ntntngnnng 180
 ntctcggann tnnntntaac tatnnntnnn nanccannan anngtcnggg gntnnnnnat 240
 nttnnnnntn natccannna ncacanntcc ttctnntcan tccnannaac ctentannnc 300
 cantcccta tnttcganca gnnnnnccca cngntnnnnn ngtcnnnann nnaaancnan 360
 nattcagctn nnacnntann ntaacttnc cngcaanga ncnccntct cctcngntcn 420
 accggcnnng nantncnngn tcancannta tntnnntnt nntctatct nnnncntntc 480
 tagannannn nntnctacn nntncaann cancnnccca tanantantc cnnctcngnn 540
 ctentctctc anncgngnac tntncnngct ncnntatc tntntcnac nncacnctat 600
 annnnntctn anantccnnn ttcnacnncn nctnatcnch antgcctann cnnnccnnc 660
 nnnatgtnan ncannatnct ntanancngn ngcnnnctnn tcannnnnca cnetnnatca 720
 catntnnctn tnnangannn ntcnntntcc nnancatcna tctncanctc tncannntn 780
 cnnatccgc nnnnnancct ntnntacnnt cctncatan antanacnnc nctntcctca 840
 nnnncnnntn antcnnatn cnnnannnch ctntctaca cncgcnncng cntcnaactn 900
 cncnctaten nnnnaanntc ncanctcatn acctcnctcn tntnnntnnc natcncatnt 960
 atanaennan actctctntc gnetatnnnn gcnntctnc acagtatncc nctntntnnc 1020
 ntannancga nntccnncn atataatcac tnnacactnt actcnnantn cttactntnn 1080
 accnctctnn catecnnntc ncctctnnnc tcatatntgn ntacnntnna ncatctctcn 1140
 cancancnna ntacacnncn natncntann ncanantnnc ntncannnch tcnctnntc 1200
 ngtnnnnctc nactctnca catatatnat ctancnncn cncnctnnn tnnnnntnnc 1260
 tcannnctcn cnnntctatn tgctatacat nccctnnta ncantatcca nngccnccac 1320
 natanctcan ntatctctn cctntnancn cctnctntcc tcntcanacc cancttactc 1380
 tcttantnnc acnctntnch tccnccnnc tntnatecna acnncnncta nttncatcca 1440
 ncnetccgta tanctccnt nncnnnngc cncnccnta ctntctcan ntgnnccnt 1500

ntnncaatntc netntennnc cacecctten cnnegncnt tnntnanncc ncct

1554

<210> 4717

<211> 763

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (763)

<223> n = A,T,C or G

<400> 4717

tttacatata	gctcttgttc	tttttgcagg	atccctcgat	tccaattcgg	cacgaggtct	60
ctgcaaaaga	ccctccgac	cagagtgttc	gtggaactgg	ttccctgggc	tgaccggagc	120
cgggagaaga	acctggcctc	agggagagag	acgctaccgg	gcttacgcca	ccccctctcc	180
tcaacacaag	cccaaactgc	taccgcgag	gtgcaagtaa	gcggcacctc	agaagtgtct	240
gcgggcccgt	accgggcgca	ggtgggtggtg	cagtgcgcag	caccaaggag	gcggcagccg	300
aggccaaaaa	gagcgtttgt	cgccgtctag	attacatcac	gcagagcctc	cagcagcagg	360
gcgtgcaggc	agaaaatata	actgtgacaa	aggatttttag	gagagtggaa	aatgcttata	420
acatggaagc	agaggtctgc	attacattta	ctgaatttgg	aaaaatgcaa	aatattttgta	480
actttcttgt	tgaaaagcta	gatagctctg	ttgtcatcag	cccaccccag	ttctatcata	540
ctccaggttc	tggtgagaat	cttcacggca	agcctgtctt	gttgcctgtg	anaatgcgtg	600
gcgcaaaactc	aagaagtctg	taccttgtgg	ccaaacctta	ngaaaacctt	tctaatacaa	660
gaagaagaac	aaaagaatgg	gaaggccaat	agatgatcac	cagtcatcca	gactctnaag	720
ttcattactg	tccacaaaaa	atcaaaagtg	cacaatactt	ctg		763

<210> 4718

<211> 953

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (953)

<223> n = A,T,C or G

<400> 4718

nggtncaccg	naacaacggn	gaatccccca	annncncgan	acagaaagge	aggggtgnng	60
ccngagagcc	gnncncacng	ggcacancag	cgacctttta	ggcnttntctg	cactgnncngn	120
cccactgccg	naannggcac	tnccccacgn	acgagnntgc	aacgagacat	ccgtacgtgc	180
tggaacaact	tgagagagaag	ccgtatncac	nncacangat	aaaancgcca	tggaaccacga	240
gtgccnnggg	cactaccgan	gagccgcctc	cnggaancnt	tnccaagnngn	gagcgcgccna	300
ccgacngttn	gcngatcaga	nacnggagag	gnngagngag	aagactccng	cngcncgggc	360
ccccctgggg	agcccccgnt	ccagggctcg	cnccaggacc	ngcngcacaa	gangactagc	420
tngcagcnac	cngcnttccc	cagtccannc	tgaaaaacta	caaaatnaaa	ngcgggaaaa	480
gcnetgtann	gagaanggnc	ntccncgcan	ctccnaggag	gnaaggcngg	agannncccc	540
gctcgnaaan	gnangnagca	agggaaancc	ccangggncg	ggcccncnag	aaggccccnc	600
ccnncaanaa	agaangccac	aacaanccaa	gangcnagca	cgggcnngcc	cngcanaaaaa	660
ccccccmac	acnggaaana	cnccgcgna	nanngcaann	aacngnatac	nggaaangca	720
nagngcncnc	ananaacaag	cgcnccccn	nacnagggnn	acacaaaann	ccngagcgcn	780
cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccca	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4719

1583

<211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (860)
 <223> n = A,T,C or G

<400> 4719

ttnantnngt	cattcctgta	ccagctactt	gttctttttg	caggatccca	tcgattcggn	60
gatatngnnn	gnctanncaa	agtgggaana	ncttncnggc	tgngaaaaca	ngctntangn	120
ccnaanancc	ngntttacan	gttnaanact	ntgtnnnnnt	tgagcatggt	nnenggtctt	180
angnngntat	ttnanngtan	ccactttgna	gaggngtata	tggaactttt	tcnncttatg	240
gttcaattag	ntccngnntg	cacantgagn	ntgatnatta	cttgtgagnt	gagctcntgc	300
gttttaccga	cttctggctn	ggacttggtg	ccattagcta	tnaanaggen	tttngtnnca	360
taannttcng	gtaanntgan	ngatctntna	agatnccctt	ttaattcggt	agtantacca	420
ttacgtagnc	naatttanga	tncnnatctc	cnaattttna	ncatnnccan	ntgtaanatc	480
nntgaattan	cagnacnncc	nanngccctn	tnnaggnttg	atttctcgat	atttgactnc	540
ntctggngnn	ananannngc	naagaanttn	accattggct	angnnaaann	agngtgntgt	600
tagggtnaaa	ntcaccntnt	ttttnnacna	atcnntggaa	cantttacna	tcanttnnga	660
naaaaacnnta	nnncttttgc	ccnatgggan	ctntttntta	aanccnntnc	ctttttntaa	720
cnnttttttn	aacccttgga	aaaaattngn	taaataaaat	ntngcccttt	aaanantntt	780
tcgnaattnn	gaatatctta	anggcccttt	taaaaatatg	gnccccgttt	atggngaaaa	840
ntnattgcca	gccantnctt					860

<210> 4720
 <211> 714
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (714)
 <223> n = A,T,C or G

<400> 4720

ngtctnttaa	cgngctcttg	tcnngctact	tggtcttttt	gcaggatccc	atcgattcgg	60
tcaactccat	ctgcagtgtt	caaggcactg	tggttgggcg	ggacgagagc	actgctttct	120
catggcctgt	gtgtgacatg	tgtggcaacg	ggagattgga	acagaggccg	gaagacagag	180
gcgccttttc	ctgtggggac	tgctcccggg	tggtcacatc	tcctgttctc	aagaggcacc	240
tgcagggtctt	cctggactgc	cgctcaagac	cgcagtgcag	agtgaaggtc	aagctgttgc	300
agcgcagcat	ttcctccctg	ctgaggtttg	ccgccggtga	agatgggagc	tacgaagtga	360
agagtgtcct	cggaaaggaa	gtgggggtgt	taaattgttt	tgtccagtcc	gtaaccgccc	420
acccgaccag	ctgcattgga	ttggaggaaa	tcgagcttct	gagtgcagga	ggggcctctg	480
cagaacacta	gcggttgccg	caggatctgt	gaactttgca	atgtggctgc	aagggtgggtg	540
gtggtgggtg	tgatttgggg	tagttatttg	ttaactatgg	cacagtgaac	gtagtttacn	600
atcttgaaat	gaaacttana	ttttctgggg	aaatgttcan	atcagttntg	tgaactgtaa	660
atnaaaatac	cttttctaca	gttatctttn	attttctgca	aattangaac	ctnt	714

<210> 4721
 <211> 868
 <212> DNA
 <213> Homo sapiens

<220>

tncttttaach	ctctctctct	cnctntnatna	nctntacacn	gnctctncca	tnctctnccc	1500
ctctctctct	ntnnntcanc	ntctacnena	ccantcannn	ctancgcgat	ctatattatn	1560
ctcatatctt	ctanacanta	tcctcanate	tcactnctan	nnatancnac	ct	1612

<210> 4723
 <211> 1503
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1503)
 <223> n = A,T,C or G

<400> 4723	
ctaaaattgt	ctnctgtaat nctntnnnt gtacantagg aacggcctg acatatgaga 60
cncttaaaca	tcnganatag ggngtctngg gggggcgctt gcntancnt gnanntgact 120
nacgnnccan	ttgaantaan nctttaanga nattanggn ttttncgcgc ntctcnctca 180
anctcnntat	tnctanttaa canngngggg gentctnttc ancatcnanc ncttntact 240
tcctttatnn	cttctnctcn ctctnnacta ctntactnt nncntncacc nnaccancat 300
tnnantntnc	ancctcctc ntancnttcn ctnnncncat centtnncen cntcancct 360
ctaacnctct	annctcctn tntnccanat tcatnccnt nnttnancct tntctcctt 420
ntctatcatt	ctacnctatc ctctcctaac ncttttntt cncctcann tctctntaca 480
ctcnnccanc	naennaacca cctannccct ctncnttcc tctntantac ntntcnatct 540
tcnnnncann	tnattctnac ntantntntc attnacacnc tcnnccctann tatntntta 600
tctctanccc	ctcantanat ntctccatn ctcaactntc tcacctctcc ctctanatec 660
ncctntnta	gnnactcctc tgttnnctgc tantattncn tatacntctc cnntcntact 720
ntnttttata	tntacanctc nctnnnctnn cctcnctnn acnctnaat accctcatct 780
tatatntnt	ntncnctnn tatctnate ttananccta cantnttct cataatcna 840
nnnactctn	tanntgcaca tntanactnc cncnncanc tctttatacc tntctatac 900
ntcactntct	ntnantnact cnatnactnn catacactca natncacctn ntntnatntc 960
nccatataat	tnantantct cntctctcna tattatatat ntntctntct ntncctnctc 1020
ngnctctnc	tntatcanac tctctatncn caccaactat nnttcnann ncnnccttct 1080
acnnnnnac	cantcttctn nancnctatc ntctctccta tccacttnna tcntaactct 1140
ctcatatacn	cnantcatnt cnnntncnac nctctntnt ctncancct cttnnctact 1200
acnnttatct	actcactcta tntctctnn ctctacantc tcnctntcgt ntccactnta 1260
tctnnnnnca	ctatctctnt cactctnanc ntaaacctcc tcttntnca tntcactct 1320
ctatnccatt	tctcaatanc actcnncac ncatctctct ntncatcta tctctntccc 1380
anctctctn	tctcannan tngtntctct atcagnactc ctatatantn tatctcnatn 1440
cttnatatca	canncatnnn ctctcnnac tcatatntn ctntantnta ctatctntt 1500
cct	1503

<210> 4724
 <211> 1309
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1309)
 <223> n = A,T,C or G

<400> 4724	
cantggnaan	tntcccgacc tangactagg tnnaccnnc angnggggaa aaaagcccc 60
caganagnnn	gaggtttgga gggngggaaa aaagannnc ggggggaggg gggggnttg 120
gaaaannngg	anacgggggg gcacgnngc gngcgacnc ntntttttt cncnccccgc 180

```

nccnttnntt tccccncc gcnccgagtg ncnngnagn ggggggnggn nnnnaganaa 240
ganggggggg gggaanannn gttggggngg ggggggncna gagngggggg gncnggcnga 300
nannangcnn gggggggggg gagcagangg angngncaa ggggggngng gngngggnga 360
gganagcan gngaggggga ggnngaagag ngnggagagg gnaggnnagg ngngngngng 420
ggagnancg ngngaggnag nanaggggaa gnggnagnng ngggggggng angaggggga 480
cgnnnnnggn nngcngagna gnnngggngg ngnnanncna ngncggngga ngnaangnna 540
nggnngnggg cngcgnnaa gagnganaaa ngggagngcg ngggggggcg gngngancgn 600
ggagnagnng annnggcnn gagangnga gngngngngn gcgaangggg nnggngngng 660
ggngnggggn cgagagnggn nggngnnngg cangtnaaag gnnnagggna gaannngnac 720
acggaccggn ngnggaganc gnggacgaaa nngnnnagac gngnggacga ganacgcng 780
gnanngangn nggntgggg annagaggag cgcngagaa cgcncnnng gaganngang 840
gagngagagn gngnacggg nnnanngcgn gcaagagaga gacgagngac gcggagngng 900
agagagagag acngaggaga gaganannaag acngacggag agcacggcg aggnnnncgc 960
gacgacagag aggnaggacg naganaggng anncgannga gaggngcnca ccggaannac 1020
gngagacna cnnagngngc gaggaacacg gngcgcgana ggaggagaac ncnngangga 1080
ngacgncng ngacggngga cacgnangcg ngagaganann agagaggggac gcacgaagnn 1140
cggaagagcn gangggaaga nnannancga gnnngagaan cggagngagc anaaggagg 1200
angggtcaga ngagaganag cacaancng agaggnggan nnaggacgac gngggagaga 1260
gaancangng ggnagaagnn cngancagga agggcgnggg nagngngcg 1309

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<210> 4725

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4725

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aaaaaaaa aaacccccnn gggggnnanc cctnctaaa aaaatnnagn nacctnctgn 60
naagggcgna aaacnnnnn cctcnnanc aanatnncag nccccccct aaaaaccatc 120
cagggganaa ttaaaggggg cgtncctntg ggggggggnnn nnnnnnnnnn nnnnnnnncc 180
cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 240
nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 300
nnnnnnnnnn cnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn 360
nnccccnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn cnnnnnnnnn cnnnnnnnnn 420
nccccnnnnn nnnnnnnnnn nccccnnnnn cccnnnnnnn nnnnnnnnnn nccccnnnnn 480
nccccnnnnn nnnnnnnnnn nccccnnnnn cccnnnnnnn nccccnnnnn nccccnnnnn 540
nccccnnnnn nnnnnnnnnn nccccnnnnn cccnnnnnnn nccccnnnnn nccccnnnnn 600
nccccnnnnn nnnnnnnnnn cccnnnnnnn nccccnnnnn nccccnnnnn nccccnnnnn 660
acnnnnnnnn cccccnnnn cccccnnnn cccccnnnn cannnnnnn nccccnnnn 720
nnnnnnnnnn cccccnnnn cccccnnnn nccccnnnn cccccnnnn nccccnnnn 780
nccccnnnn cccccnnnn cccccnnnn cccccnnnn nccccnnnn nccccnnnn 840
nccccnnnn nccccnnnn cccccnnnn nccccnnnn cccccnnnn cccccnnnn 900
nnnnnnnnnn nccccnnnn nccccnnnn nccccnnnn cccccnnnn cccccnnnn 960
nccccnnnn nccccnnnn nccccnnnn cccccnnnn nccccnnnn nccccnnnn 1020
nnnnnnnnnn nccccnnnn cccccnnnn nccccnnnn cccccnnnn cccccnnnn 1080
nnnnnnnnnn cccccnnnn cccccnnnn cccccnnnn cccccnnnn cccccnnnn 1140
cnnnnnnnca cccccnnnn cccccnnnn cccccnnnn cccccnnnn cccccnnnn 1200
nccccnnnn cccccnnnn cccccnnnn cccccnnnn cccccnnnn cccccnnnn 1260
nccccnnnn nccccnnnn nccccnnnn nccccnnnn nccccnnnn nccccnnnn 1320
nnnnnnnnnn accnnnnnn nccccnnnn cccccnnnn cccccnnnn 1359

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<210> 4726

<211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4726

nnnnnnnnnn

10

<210> 4727
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4727

nngctctn	cn	attnntgng	gncttgctcg	ntaccn	cnan	ncngnggna	atcgattggg	60
cccgaggtng	atnnatgnat	actactcctg	cgcgtcagtt	ctcacttttt	ggggccctgc	120		
cggtctggatn	acngtacanc	ctaaannngg	anctnctacc	tggccctcta	cangcagatn	180		
atcanncnngg	acaagctagg	ctgcncgcgc	acggcgctgg	agtactgcan	gtcattctcg	240		
agtctcgagc	cggatgagga	ccccctctgc	atgctgctgc	tcatacgacc	acctgncctt	300		
gcngnccccg	aactactagt	acctgatccn	cctnttccan	aagtgggagg	ctcatnnnaa	360		
cctgtnccag	ctccntaatn	gtgccttctn	tgttccactg	gcntatttcc	tgctgagnca	420		
ccagacanac	ctnccctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480		
acagcangcg	ctcaccatgt	tccctgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540		
tncggccnga	cgccagngtt	nacagtcacc	gctncttttg	gacccaatgc	tgaaattaag	600		
ccaaacncc	gcccctgacc	canatggtna	accttgtaac	tttggnnaagg	tcacactttt	660		
ttnttgga	aaaanaaccng	gcancnnttg	ancttggtcg	gaaggaaaaa	cgtccccgan	720		
gatcttcaaa	gcaaatggat	gccggggaac	ccaaaccctg	gnaagcctgg	ggagaaaccc	780		
gggggaaag						789		

<210> 4728
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4728

nngctctn	cn	attnntgng	gncttgctcg	ntaccn	cnan	ncngnggna	atcgattggg	60
cccgaggtng	atnnatgnat	actactcctg	cgcgtcagtt	ctcacttttt	ggggccctgc	120		
cggtctggatn	acngtacanc	ctaaannngg	anctnctacc	tggccctcta	cangcagatn	180		
atcanncnngg	acaagctagg	ctgcncgcgc	acggcgctgg	agtactgcan	gtcattctcg	240		
agtctcgagc	cggatgagga	ccccctctgc	atgctgctgc	tcatacgacc	acctgncctt	300		
gcngnccccg	aactactagt	acctgatccn	cctnttccan	aagtgggagg	ctcatnnnaa	360		
cctgtnccag	ctccntaatn	gtgccttctn	tgttccactg	gcntatttcc	tgctgagnca	420		

ccagacacac	ctncctgagt	gtgancagag	ctatgccagg	cagaaggcct	ctctcctgat	480
acagcangcg	ctcaccatgt	tcctctgnagt	ccttctgccc	ctgctcgagt	cttgcaagtg	540
tnccggcnga	cgccagngtt	nacagtcacc	gctnctttgg	gacccaatgc	tgaaattaag	600
ccaaacncct	gcccttgacc	canatggtna	accttggtacc	tttggnaagg	tcacactttt	660
ttnttggaag	aanaaccnng	gcancnnttg	ancttggctg	gaaggaaaaa	cgtccccgan	720
gatcttcaaa	gcaaattgat	gccggggaac	ccaaaccctg	gnaagcctgg	ggagaaaccc	780
gggggaaag						789

<210> 4729

<211> 1064

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1064)

<223> n = A,T,C or G

<400> 4729

cnttactaan	ngnntgctat	cgntctttcc	gnangagccn	agcgattcga	gtggctgagt	60
ggaggcgccc	agacctgggc	aggcagcagg	ctcaggccca	cacctttgng	atTTTTgaaa	120
ccaaagccca	gannatgatg	tttacttntc	tctccctggc	tctgcccctc	ttactgcaaa	180
ccatgctgtg	ccttagggcc	cttctcatag	ntgttccctna	tggccatgac	tggaacaggg	240
atgcaacctn	ttnttacaca	agcacagant	agnttgngtg	aagnntnttt	ntnactccgt	300
ttacaccngt	nnttcnnttc	tanntgccna	nancttcac	caatcngntc	annnnnnntnn	360
ctcactcnna	cccancatc	cnannnnntcn	nnnnnaacnn	nanttcnctn	ctntacntnc	420
cctaaccnat	caatnnnttt	nntnnnnnatt	annntctctn	antatattna	ctcnatatcc	480
tencactntt	tcatactcnc	nattactctt	nnncntacn	ctcatcacat	acnctttaat	540
nnnnccnntn	ctntatacna	ncatnttctt	nncantctac	ancgactatn	atagctntct	600
atcnnctnnn	aagncntntn	naatnnntnc	tctganacnc	ctcttacgtg	ntcttactnt	660
acntcaatnt	ngctcatcat	cactctcnaa	cggtatactt	catttnngtg	tatatatccc	720
ncatctnctn	tcancactcn	tctctctact	ntatntcnca	cttnccgncac	ncacgatata	780
nnatctncta	cactcanaat	cacnnnttat	natcntttta	tanctcnann	tntaaacngtc	840
ntntctnna	tentnctntt	tcganatctc	nncactntnc	tntntatnct	tnttcttctt	900
ctntaatatc	nantcatctt	agtctcnnaa	nccaanatnt	nancntncac	tctntctacn	960
ttntctnctn	nnnacacttc	tactatctcn	aatatataat	ttntntancat	annacnncac	1020
ctanatnant	cctctaannt	aacttcatct	nctntntact	annt		1064

<210> 4730

<211> 915

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(915)

<223> n = A,T,C or G

<400> 4730

atnnanancn	tanaancata	acnattnnnn	tatantnanc	ntnnnnctct	tttnncnata	60
ctnnnnntntc	cnnnnnntttt	ttaagccttc	taaatgcttg	gcaatcgccn	cctantanng	120
gcntggngat	ncgcnccagn	acctgctata	gttnngnnac	nnaccacacc	cttnccannaa	180
atcttaacaa	gggggngggg	ataaaanaaa	aacntccaca	attaccttaa	aagggaactct	240
tatgntttca	actacanata	gttgtaaagg	atcatacaca	anatattgat	gatanttgaa	300
atattcttag	aagggggtgtg	tntgtctanc	tgngtctacc	atgngtantg	tattcntgac	360
aagcactnta	aaatacctgn	tnatnnttct	atacattacg	nataatngcc	ataangantt	420

aanctncata	tatntcatca	noctaattg	aatcannnnn	aaatattttt	attgcccatt	480
anatctaatt	tcacttatac	tatcccnana	atagtaanac	nactacagct	nnttacnna	540
tntaaacctt	tnnnanntnn	cacaatatna	tacgnnannc	canttatacna	ttangnnntn	600
naanaancan	aantncaann	atttctnat	cnaaatcaca	attttctncn	naancaaata	660
ntncatteen	accnncnatn	ccncagaaaa	tnnncacctc	ctatcaatat	ancaatntat	720
tnanaccang	nnncnncant	ncaatgtttt	ctcancattn	nncttntant	ctatntactn	780
cnttcnntta	acanatatnt	tcanaantcc	anattncatt	tcacttntac	tacaccnnaa	840
caanaentca	aaatanaagt	ncanatacan	ccnaantccc	ncatntanna	ctntannacn	900
cantattncc	ntnncn					915

<210> 4731

<211> 1479

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1479)

<223> n = A,T,C or G

<400> 4731

agcctotata	actncaantt	ntaacttcnn	nangcnaaac	gncnctctat	atategcngt	60
ancnccctaa	aacatcatga	nattatgggg	gtcttttngg	ggngngennac	taccatctat	120
catcnctcnc	nnntacnang	accccttnta	cnactactnt	cncctctnat	gannngctcc	180
gtctnnnnnn	ctcnntannn	ttatctacnn	ctctcttctc	ncctctctat	nnctnnnnaa	240
ncattccctn	ctcatatcn	actccctctc	aattcancca	tctatatntc	tnanatctnc	300
ancattacgn	tattntacna	cacactctcg	naacncgctc	tnnagatnn	tctctcacta	360
cncnntanca	tnntcatca	tcanncnata	ntcttcanac	agnncccttc	ctctccngca	420
tctctctctc	ctcatnctnn	cnnattnann	nnctctctac	tcactnntcc	ctntcncacc	480
nnancntanc	cnccttatn	ntcnccccc	tgcctnnnta	ctccctnccc	cnttcatecc	540
cntntccnac	ttntcanen	nnctnnccct	actnnatctc	ntctntaten	ccccattatn	600
ctnnnnnncc	tangaenenn	nnctntcaat	tttccccatn	ncncncnnnt	tnnccctnnn	660
ctttcngent	ctcncttac	ccttntnct	annctctnt	nanctcncc	cncctctctt	720
ncantcganc	nacncccc	tcnacnatct	ntannnnctt	cnnccnnnnnc	ntatcantcn	780
cctcncact	catccatcta	cnnacacnea	ctctanaactn	tnnccactnc	ctccactctc	840
tctctatnce	tcnctctcan	ntnatctctc	tctctntctc	attannantn	ancctccntt	900
tnaaatccnt	cacncatact	naccatcttc	nceaacntnn	tctttnntcc	nattncatnt	960
cctccentaa	ntanncaat	ctctctnnnt	cactcacanc	tnnacactcc	attctcnnta	1020
nnctctcnac	annactcan	ctcnactca	tanactcaca	ctancnntt	tnnntcttac	1080
antccnacnc	ntanattctt	ctccnnntnn	atcacanaac	cacatctatc	tactatctta	1140
tcactccntn	tctcagntn	ctctctcacc	ntntatnctn	aactctatat	cactcaance	1200
atactctnat	canatcttgc	tcncacctat	atnctctctc	ncacctact	cncctctaca	1260
tgtenacatc	ttcctcnct	ntataccacn	canttactna	ctnnccnccn	actcngcct	1320
acnctactac	actgcantct	ctatctctnc	netcgacacn	cncctctngc	nceccactct	1380
cntcttntct	cnnctcnac	tctctctntc	nantcnaact	tcccnacat	ctatatntat	1440
tctctctctc	atctcncctc	ccctctact	canaccccg			1479

<210> 4732

<211> 1764

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1764)

<223> n = A,T,C or G

cncgagcgcg	nnnanacaca	angcnagcac	agggacacnc	ncagacgnaa	annnggncac	840
anacncgggn	nagaacccan	cacgaaaccn	acnacncacg	agggagagng	nacnaaanaa	900
nncgccccc	cgngananna	aanccaacnn	nncgaanacn	nacggannac	gcc	953

<210> 4734
 <211> 1046
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1046)
 <223> n = A,T,C or G

<400> 4734

gtanctnatt	nttttgatgg	nctaaatngc	cctaaatagg	nnngngtngg	ggncatacnn	60
cancnangtn	cnnaaatact	nnngntacan	anctatgggc	ancaacatct	nactnnaaac	120
ccttatgnta	aaaanaaacn	ncttgccctc	agccttcaag	cnattatata	ngctctcctc	180
cctncngnnt	acgncgnnan	tatatgtnc	ntnccaccac	nanccagtta	atnctnaagt	240
atcnanatac	taccagcatg	ggtantcaca	anctgntncn	ccagcnatnc	tnaatntctc	300
ngngacctcc	ngancennnc	nentnnnnct	nnnanngngc	ngncattaca	nnccntnanc	360
cactgttncc	ngacctcaac	nntcttacca	anaatgtnt	nccnntgnat	gnanttttac	420
atggcnataa	cactattgcn	tttncaannt	cccnnacctc	ttcnntancc	aananttnnn	480
ntnctngtc	ncananntgt	cnctcattn	nnannnctcn	tgtnacnnnn	tcnnntact	540
anntagcact	atnattatac	ngtnnatctn	tacanannct	ncatnnctan	atnttacn	600
anattccctc	tttngctcac	ttnncatata	cttctcanen	nactctcgcc	gangtctctc	660
gnnatatctn	antanctnat	ntntgnnnna	gcatacatat	tgctactcta	naaantcnat	720
gagtaggaat	actnnnnctt	cannctcana	aacactctat	ntncacatct	nncacacacn	780
nntagtgcac	atanantcct	cnngangatc	naantctcct	nnanctcgnc	tcnntcgtnn	840
ctncanacgc	nntcactnga	ttctntnnnt	annnacaan	acnatacngc	anaatnacat	900
ncnatanann	ctntntcacg	nnncatcgta	tntctnantn	tnntnecgnc	nnctnctn	960
tgctacacat	ntatancatn	tnntnatcan	tctatncaga	ncantnttnc	atcaaanacn	1020
ntnccnncag	cngtnannca	cctnct				1046

<210> 4735
 <211> 1337
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1337)
 <223> n = A,T,C or G

<400> 4735

cccnnaaaaa	aatttnnaanc	cccccgncgt	taaaaaance	ctcttaaaaa	aaatttggnn	60
gcctnctgna	ggggggcnaa	aacnnnnccc	ccctennanc	annatnnng	nnccccccn	120
ctaaaaacca	tccaggaac	aatnatggg	gcctnctntt	ngggggggn	cnnnnnnnn	180
nnnnnnnncc	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	240
cnennnnnnn	nnennnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnennnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660


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ccccccnnnn cccccccccc cnnccnnnnc cccccccccc cccccccccc cccccccccc 720
ccccccccc cccccccccc cccccccccc nccccccccc cccccccccc cccccccccc 780
nccccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 840
ccccccccc cccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 900
ccccccccc cccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 960
nnccccccc nccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 1020
nnccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 1080
nnccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 1140
ccccccccc nccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 1200
nnccccccc cccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 1260
nnccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 1320
nnccccccc nccccccc 1337

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<210> 4736
<211> 1312
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1312)
<223> n = A,T,C or G

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<400> 4736
ccctnaaaaa aaatttgng gncccnccggg ggggnnnnnn nnncccttta aaaaaatatg 60
gaggcctctg nnggggagna aacnnncncc ctcnncat atncaggacc tectnaaaaa 120
catcaggana aaanggggggt ctgggggggg gnnnnnnnna nnnnnnnnnn acnngcna 180
nnccetnaanc cnnnananac tnnnnnnnnn nnnnnnnnnn nnnnnnnnnc nccccccccc 240
gncnnnnnna cccccccccc cccccccccc nccccccccc cccccccccc nccccccccc 300
ccccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 360
ccccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 420
ccccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 480
ccccccccc nccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 540
cnacnaanna ncnacnnnnn nccccccccc ncaacanacn nccccccccc nccccccccc 600
nnnnnnnnn ncnacnnnnn nnnnnnnncc nnnnnnnnnn acnccccccc ncnacnnnnn 660
nnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn cnnnnnnnnn 720
nacnnnnnnn cnnnnnnnnn nccccccccc cccccccccc nccccccccc nccccccccc 780
ccccccccc nccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 840
ccccccccc nccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 900
ccccccccc cccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 960
ccccccccc cccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 1020
ccccccccc cccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 1080
ccccccccc cccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 1140
ccccccccc cccccccccc nccccccccc cccccccccc cccccccccc cccccccccc 1200
ccccccccc cccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 1260
ccccccccc cccccccccc cccccccccc cccccccccc cccccccccc cccccccccc 1312

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<210> 4737
<211> 715
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(715)
<223> n = A,T,C or G

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<400> 4737

gtntttatnc	engnnetctt	gttctttttg	caggatccct	cgnttcgaat	tcggcacgag	60
gnactaggct	cgcgnntgt	ntntttntn	tntntgatat	tacnccatag	gtttngggtn	120
acnatnaatg	tttgcattn	tnttnaaagc	ntagctctta	ctaancattc	tttaacaaaa	180
gctaataatc	nnnanatnat	ttgccatacc	gaaactatct	ncncaaanaa	nactttann	240
cantatnnna	agctnaagan	ttaganaaan	tacaaaacac	tgctatgagt	caatngaact	300
gctatcattg	aatttgctgc	atttanaatg	acataaacat	actgaacatc	aaaacaatgg	360
natggattta	ttctatanga	ctagccttaa	gaatgacata	canttngcga	nttcctttaa	420
aaatnatntt	ttacnacaga	ntccatttga	acnaagggtc	tttttttccc	ctcatttnan	480
gggaagacnn	tcnatgtttc	ccaaacnnat	cctccnttca	tactananta	gcaaactgtg	540
gcctcnatct	ccntttccag	atgctactta	tanatnactt	ttgcataata	acttaaatta	600
gaattacttt	ncctggnaac	agtgtcacgg	ccataaaatn	antccanttt	taaaaaaaca	660
nacttcaagn	gcaaattnta	gaaaacttcc	tttaaagaan	taccnaaccc	agccc	715

<210> 4738

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4738

nctaagtctg	gctacttggt	ctttttgcag	gateccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtcaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggtcctg	180
gcaactgcagg	ccaggccagg	atgccacccc	cgccctctac	acggccccct	ggggcctgcg	240
cccgtgaaac	tgggtgccagg	gagcactgcc	agcttgccag	tttctgccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420
acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtggagtgg	480
gcagaggtgc	aagagagggg	tgtactgaag	cttcttcccc	tcttgccaca	gacacttctc	540
ctgccttccc	accctgaccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctcctgtgcc	600
tcacccaggg	cctgacccca	gagtgggtccc	aacaacccgg	tctcatgccc	actccccatc	660
cctgcttncc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

<210> 4739

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (706)

<223> n = A,T,C or G

<400> 4739

nctaagtctg	gctacttggt	ctttttgcag	gateccatcg	attcgaattc	ggcacgaggg	60
ccgctttccc	tctggaccac	ctcccgtgc	gtttcctact	cagagaaaca	gcaagggcgg	120
ggtcaagaca	cgggatgacg	ggaagcagga	agcggggcag	cagcacagcg	tggggtcctg	180
gcaactgcagg	ccaggccagg	atgccacccc	cgccctctac	acggccccct	ggggcctgcg	240
cccgtgaaac	tgggtgccagg	gagcactgcc	agcttgccag	tttctgccc	gcaaaagcac	300
gtatgcttca	ggggccttct	gagaccacct	tccccactga	gccccagctg	ctgagaaggc	360
cttgagggaa	gtagaggctg	ggagcaaagt	ccccatgcgg	tgagaggatg	aggggagcct	420

acgcctcagg	catgtggtga	gaggatgagg	gggagggagc	ccacgcctca	ggtaggagtg	480
gcagagggtgc	aagagagggga	tgtactgaag	cttcttcccg	tcttgccaca	gacacttctc	540
ctgccttccc	acctgacccc	ggcagaaccc	accaagtgcc	tgtgtgcagc	ctctgtgccc	600
tcaccaggg	cctgacccca	gagtgggtccc	aacaacccgg	tctcatgccc	actccccatc	660
cctgcttncc	aaaaattgca	ctgtgtgcag	tttgcaacaa	agaatn		706

<210> 4740

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A,T,C or G

<400> 4740

cgggnttttaa	aactnctaaa	tanntgngct	tccantaggn	gaaaacgtgc	acccttaaan	60
atatttnagn	ccnncctnna	aaanatcagg	gaaattatgg	gggtcntttt	gggggggnntc	120
tcagctntan	tcntananta	tntatanann	ncnncnnann	nntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacnca	tantnncnat	actacttcat	ctenacaaan	240
ntccgcantn	ncnanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnate	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc	360
ccttctctnnn	aaatntantn	ntnantnct	caatacannc	cnntcatcct	tannnnnnnt	420
ccncatanac	antnancttt	actnccnnc	acctttcnnc	aataattctt	anacntnana	480
cnctnnnnnt	natncatana	tcacntcntn	ancttttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatnt	natcttcttc	natatacttc	nacanatttc	tenttanttt	600
tatcnanact	attcanenta	ctnatnatnt	tcctattctc	actnaanana	tntntnnct	660
caatntcata	tnctctctnt	tnctcttnt	ctctactan	tnntcatcat	ncctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nactntattn	tnctaatata	780
tntantcnat	ctctatctnt	ntcatnctnn	atcttnanct	ntatatncta	tatcatctac	840
tctnccant	accttctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc	900
tctattntan	cntaatcttc	ncncatanac	tngtttntat	cnctnnctnc	tcantcnctc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatectnctc	tnnanatnta	1020
acagtcactc	tnatatanta	tnntnttaca	ctcanatcac	ctctcnctta	nantntcaca	1080
cacatnttat	ntataatatn	tccatatcac	aagcatntac	ncntnacaca	catntntanc	1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	ncctaccant	ncctcaattc	1200
aatcatnctn	canctntnta	tcacttctnta	attatatatn	tcttaagtcc	nanatgtnac	1260
taantgacta	tntnaatctn	tcatnntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanateccc	tcaacaccta	cgntnctact	atatatcatn	1380
ttnacntaca	nnntctata	tnntcacaac	tatatntana	nnttanntac	ncgtntntat	1440
nnaat						1446

<210> 4741

<211> 1446

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1446)

<223> n = A,T,C or G

<400> 4741

cgggnttttaa	aactnctaaa	tanntgngct	tccantaggn	gaaaacgtgc	acccttaaan	60
atatttnagn	ccnncctnna	aaanatcagg	gaaattatgg	gggtcntttt	gggggggnntc	120

tcagctntan	tentananta	tntatanann	nennennann	ntacanaag	ctcaatatgn	180
natactnct	nttcacgtna	ntatnacna	tantnnnat	actacttcat	cntcnacaan	240
ntccgcantn	nennanattat	tntnttcttc	ataatatcca	ntatnntctn	cattaatcan	300
ttcncatact	tttactnate	ncttntcttc	ntctatactt	ntccatncta	ntctactnnc	360
ccttctctnn	aaatntantn	ntnantnctt	caatacannc	cnntcatect	tannnnnnnt	420
cncatanac	antnancttt	actnccnnc	acctttcnnc	aataattctt	anacntnana	480
cncnnnnnt	natncatana	tcacntctn	anccttnann	atcntaccac	nnannncttn	540
tactnctnan	acnttatnt	natcttntc	natatacttc	nacanatttc	tcnttanttt	600
tatcnanact	attcancnta	ctnatnatnt	tcctattctc	actnaanana	tntntnnct	660
caatntcata	tntctctnt	tntcttnt	ctcntactan	tntncatcat	ncctnatcta	720
acatntctct	cntanannca	ctcatnnctt	tattatnata	nacnttattn	ttntaatac	780
tntantcnat	ctctatctnt	ntcactnctn	atcttnanct	ntatatncta	tatcatctac	840
tctnccant	acntctctna	acnntatcta	ttanncacac	atcatctntt	ctanactntc	900
tctatnttan	cntaatctc	nncatanac	tngttntat	cncnnctnc	tcantcctc	960
nncanactat	actntatngc	tnntanctac	taatactctc	tatectnnc	tnnanatnta	1020
acagtcactc	tnatatanta	tnntntaca	ctcanatcac	ctctcnctta	nantntcaca	1080
cacatnttat	ntataatatn	tccatatac	aagcatntac	ncntacaca	catntntanc	1140
tcatactcan	ctctanntca	cttcacnnat	gactctcagt	ncctaccant	ncctcaattc	1200
aatcatnctn	cantntnta	tcacttctta	attatatatn	tcttaagtc	nanatgtnac	1260
taantgacta	tntnaatctn	tcantntcta	acntccatat	cacatntcta	ctatcaatat	1320
atacttanaa	tctcaagtct	ctanatcccc	tcaacaccta	cgntnctact	atatatcatn	1380
ttnacntaca	nnntctata	tnntcacaac	tatatntana	nnntanntac	ncgntntat	1440
nnanat						1446

<210> 4742
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 4742						
tngtaccaat	tatctgctgg	ctanntagcc	taaanagntt	ggtcngggcg	aattcggcac	60
gagggnaaag	cagnaagtaa	tgagcttgtc	cgtcagctgg	tagctttcat	tcgtnaaaga	120
gataaaagag	tgaggcgca	tcgaaaactt	gtggaagaac	agaatgcaga	gaaggcgagg	180
aaagccgaan	agatgaggcg	gcagcagaag	ctaaagcagg	ccaaactggt	ggagcagtac	240
agagaacaga	gctggatgac	tatggccaat	ttggagaaag	agctccagga	gatggaggca	300
cggtacgaga	aggagtgttg	agatggatcg	gatgaaaatg	aaatggaaga	acatgaactc	360
aaagatgagg	aggatggtaa	agacagtgat	gaggccnagg	acgctgagct	ctatgatgac	420
ctttactgtc	cancatgtga	caaatcnttc	aagacanaaa	atggccatga	agaatcacga	480
gaagtcaaan	aagcatcggt	aaatggtggc	cttgctaaaa	caacagctng	angangaacg	540
aagaaaattt	ttcaagacct	caaattgatt	gaaaatccat	tagatgacaa	ttcttgagga	600
agaaatgnga	aagatgcacc	aaaaacaana	agctttctac	acantnaaat	ccnannaact	660
ccatcctct	anaactatnn	gtgagtcctt	nttacntcna	tccagacatg	antancnata	720
cnattgatgg	aacc					734

<210> 4743
 <211> 1226
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (1226)

<223> n = A,T,C or G

<400> 4743

```

nngggggttna cnetcttaaa atnttnnnct tncnntgngn caaanggggg cccctctnan      60
natnttcaga nccnccnaa aaanatccag ggaanatttt ggggggtctt tttgggggnc      120
tcctttatna ncnatccann natatncatn nttcnctcta natgctnann ncanatatat      180
tcaagatctt cncctcnent canctnntct catanntact taactnataa tatcatatta      240
cactentagt cttnctacca cnccttnnc tcatttaatn acnccaaant cactctattn      300
tncnctcatn tanattnnat catcatncac tctntttnt nttatctcta nctanancat      360
cntatatttc tactcaanaa ttatcnnncn nntantcana tcaccnctca taatnttntn      420
nnnnnnntnc cctaanacct ntactantnc antctnannn cncctnnncn nntccntnc      480
tctntttnt nntantcant ntcnnncn tcnnttntct ntnttanatc anccatnttc      540
ttgcnnattt cnaccnannn catatcccan cctntanatn tacatcnent nttctactnn      600
nctnctntnt nccnntannn cttancatat atttantnct ntnnncanatn atattannnt      660
tccntttnat atntcttact attcnctntc cnatattcan ttctatnaen tcanntactc      720
anntnnctta tgnnttatcc tcttatctct atctntcnca naantctcta cactnnnnnn      780
nttatctatc ntctancact cttactctat atctntntat ttatcactca tccacnctn      840
tctcttntc tcanatctat ncactatcta cctatatata tentattntn cttataccnc      900
ctatattctn taatcattca tanntacca cttacatcat tcnacccctn tatacctcat      960
natctatnct attctactct acatacanct catagtcant antctatctc anctcctcan     1020
catctcactc nnnatctaac ntncantnta tctatctctc cnatctatat tctacnctat     1080
acnacactac nctctcttna tnnctctnt atntcnntct tantattntc tctanntccn     1140
tatntatnct catennacan atatccatnn ttgcncnaen cnannatctn cncctctctc     1200
nttatctana ctgntctntc tacanc                                           1226

```

<210> 4744

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 4744

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gnnnnngagn ggggggnnttt nnnnnnaccg aagaacnctt ggaaaccccn ttgaattcaa      60
aaccatgnnc acaagctact tgttctntga gcaggaaccc atcgactcgn aanttnnccg      120
aggggaggag gaccacnggc gcccggnacg ccacaccnng aaatggggga gcanccnncn      180
gggnaggggg gcccanccga aaatgnggca gnccgnaagg anaaanacgc aagganncag      240
agcaggccca acngnggnga aagggaanag kannagccgc anngngggcc gnaacgccnc      300
gcacaaaaac atgcggagca agagcnccca tggagaacng anggggcccc gcaaagnagc      360
gctagnncaa gnnagnacgn anaacnncna ngngaangtg gcngcangag nacnacagaa      420
ancgactggg nacccaaggc cagccngaca acnccancna aanaccganc tgnnangcng      480
cagagnanga actgggatga aacaaannag gaaggcggtt ggcgagagg ncaactaggc      540
agcgaacaaa accnccacca agnggancaa ggangccang gngagacgcc agacgcntnt      600
gccagatca ggaaacgaaa gggacnnang ncgacatcna nancccnaga agngaacagg      660
agnnnacgca agccccncca cnanagaagn gagatgggct gaacagnnna nnatgtnatg      720
ngcagnnnaa nagagnctc aacgnaa                                           747

```

<210> 4745

<211> 1064

<212> DNA

<213> Homo sapiens


```

cgnagacgca ccgagacatn nnacaangcg ctccgcgcaga gncnannncnc nagacggccg 1260
tatnagnagn gagnacacanc nanngnnnga gcagcnnnan cgcanagnga gagagcacnc 1320
agngganaca cgccgtagac cnnntcngg ncgcncccgc ncnggnagca nntnnnnccn 1380
ntntagacan ncagcgntgn nngacatann gnaccatcat gtacncagcc agcnnantag 1440
agntnncan acggcgacna gcagcacnnn c 1471

```

```

<210> 4747
<211> 915
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(915)
<223> n = A,T,C or G

```

```

<400> 4747
cgaccagaac ngcctngaaa tcccacaaac gaggagcaan cgacgcgaag acggcacgag 60
agcgcgaggg aacgncccg ccattntnn ccacgctggg aagaccaaca ccnccggag 120
cgcganacag cacccccacg gcggangcaa ncgangaccn ncggacagca cncacgggnc 180
gganccaggn acgcncgcn cnngngcncg gaaccnggac cagccaanag cgcngctgng 240
ccngacngag nncnccnaag gncganaanc ccgagcncgc agaagaancc ccggggaaacg 300
agcngacggg anccgcaaaa aggcaccnaa gacacaaggc gcaccacgag gcncggaccg 360
ngncccgca ngcccganag ccaacacagg ncannngnag ngacgnacag aaccggaaan 420
caacngccac acaaaggngc caaccgnacg cnacnggggg gccccnaca gggnaaagac 480
ccaggaancc aagnggccc gnncnanccc cnggaaanng accnggcaan nngggcnnga 540
agaaaaaac aaaggccnag cgaancngaa acccangcag ccagagcacg nanaggnaag 600
cggcaanaaa ccgganaggc cccaggangg accgaaagna ccngggngnc cccaangccc 660
aggcccaaaa cgcncagaaa aaggnnanna accaaaggcc cagnnggccc cgaancccn 720
nnncagcacc nagganaacn aganagaacc gcgaccaacc cnanaanncc ggncaaaanna 780
canaanccat ccncaggggn gaaggancac nngccnnccc ncnaanncaa nccaaagccn 840
ncacaaangg ccacaggncc anagcanncg nacnaccgcc anacaangcc cagaanannc 900
ggggganngg ngccg 915

```

```

<210> 4748
<211> 789
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(789)
<223> n = A,T,C or G

```

```

<400> 4748
gtttannan cagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgagg 60
agaaggacgt gccgtgccgc tgggttctga gccggagtgg tcggtgggtg ggatggaggc 120
gaccttggag cagcacttgg aagacacaat gaagaatccc tccattgttg gagtccctgtg 180
cacagattca caaggactta atctgggttg ccgcgggacc ctgtcagatg agcatgctgg 240
agtgatctt gttctagccc agcaagcagc taagctaacc tctgacccca ctgatattcc 300
tgtggtgtgt ctagaatnag atnatgggaa cattatgatc cagaaacacg atggcatnac 360
ggtggcagtg cacaaaatgg cctcttgatg ctcatatctg gtcttnanca acctgtntn 420
tgaantcgng naccncnat gtgnaaatcc cctntntaac ttctcaagnn tcncnngttt 480
nggnctttct ttaagggtgc cctttggggc cttttctggg gnaantttta anaangcana 540
nnngcgnntt ttaanagggc tnttttnggc cccccctnnt ttttnaaaaa attttttntt 600
taaaaaaggg gggattccnt tnttttnaa aaaanccaag ggnnnccncc gggggccaac 660

```

ntnnnggnat taanaaaaaat tttngggnngg tnatancaaaa taaaantntt nttttgggan 720
 ggaaaatttg naaaaaaannn nnnnnntnnn nnnnnntnnn nnnnnnnntn nnnnnnnnt 780
 nnnanncnt 789

<210> 4749
 <211> 10
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(10)
 <223> n = A,T,C or G

<400> 4749
 nnnnnnnnnn 10

<210> 4750
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4750
 gagaggnnnn ttttnaanat cagctacttg ttctttttgc nggatccctc gatttnaatt 60
 cggcacgagg tcacacgggg ccacatctgc tgggtgccctc cgtgctcctc tgcagcaagc 120
 ccagcctggc cattgctgga ggtcctggag cccacagtgc cttggcctta aagagctcac 180
 ttgagaaacg gcttggtccg gtgggggtggg ggggtggattg aagactctga gacgagcagg 240
 gaactcagaa cactgagtcc ctatttgatg ttaaaatag accgttaaac ttctgggtaa 300
 gataatgaat ggcactatgg tttatactgt ttctgtnta tgggctcttn cagagacgtg 360
 aactggaaaa ggctctgcan tgtctgggat tcgctcaatg ctgcagggga gggcaggtgt 420
 gaggggaatg gccctggagg gtgatggggc tggggcatcc gatgcagctt tatagttctg 480
 taattaccac ttttaaactt tttattacga aaaatgtcaa ggaccctgga attaccgtga 540
 ggtaggcagg ataatgggcc cccaagatgc ccgtgttggtg acccccaaga cctttgtgag 600
 tgctcacat ngggaaattg gcctangtca tcttgcangc ccanggcaag cccattggc 660
 ccttaaagct tganancctt tctgctgga ntttganaga tgcngaanc annanaagnt 720
 anaaaccct nggaagggcc ntacttct 749

<210> 4751
 <211> 708
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(708)
 <223> n = A,T,C or G

<400> 4751
 gntctcatnn tgnnaggctc ttgttctttt tgcaggatcc catcgattcg aattcggcac 60
 gaggtgcgac gaaggagtag gtggtgggat ctaccgtgg gtccgattag ccttttctct 120
 gccttgcttg cttgagcttc agcggaattc gaaatggctg gcggtaggc tggaaaggac 180

1600

tccggaaagg	ccaagacaaa	ggcgggtttcc	cgctcgcaga	gagccggcctt	gcagttccca	240
gtggggccgta	ttcatcgaca	cctaaaatct	aggacgacca	gtcatggacg	tgtggggcgcg	300
actgccgctg	tgtacagcgc	agccatcctg	gagtacctca	ccgcanaggt	acttgaactg	360
gcaggaaatg	catcaaaaaga	cttaaaggta	aagcgtatta	ccccctcgta	cttgcaactt	420
gctattcgtg	gagatgaaga	attggattct	ctcatcaagg	ctacaattgc	tgggtggtggn	480
gtcattccac	acatccacaa	atctctgatt	gggaagaaag	gacaacagaa	gactgtctaa	540
aggatgcttg	gattccttgt	tatctcanga	ctctaaatac	tctaacagct	gccagtgttg	600
gtgattccag	tggactgtat	ctctgtgaaa	aacacaattt	tgcctttttt	gtaattctat	660
ttgacaagtt	tggaggttaa	ttagctttcc	accaaccaa	tttctgct		708

<210> 4752

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4752

ggnnntttan	tctacanncn	actggctact	tgttcttttt	gcaggatccc	atcgattcga	60
attcggcacg	agcttntntg	gncnnccgn	ctattntggn	atcagagnng	ctgggacagt	120
tgntgctnnc	ctnnntnacg	nnagnngntn	nangnatgat	ntctatgtgn	annacatcnn	180
gaannagnct	angaanaatg	ttgacnccan	tgtttnttnn	atgannactc	gaanatncat	240
atatggnant	aaangcaaan	ctntannctt	gngannngng	ncatgtatna	ctcacgcgcc	300
cngcnaagac	cctgctctnc	gcagnannat	acagtatgct	attctggact	tacngagtcn	360
gttcnagcat	aatggattcc	nttgccctgc	tacntgnnnc	aganaatctc	anntnctggt	420
naccaacctn	ncnangnnat	nncctantt	acgcctcgan	agnatgtgat	atnntaannt	480
gaatnatana	tctgatgnac	tactgacagc	ttctngatgc	ctgctcagga	taatgcctgg	540
ngcatntgac	atcaatanca	acctngntnt	naggetctan	tccttgaang	actntgntaa	600
tgcntacaat	gnttataann	ttgnccatcc	acaatntgaa	aatcaggagc	ttgacngcgn	660
tatnggncaa	caactnctac	ngaacntagt	gaacattgga	tgaatatnnt	aaagcctggt	720
angcnnatat	tnggatn					737

<210> 4753

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4753

tgtacnaann	antgnggtng	ctcgtncctt	ctcnnaanan	nnnngcttgg	cgaattcggc	60
acgagggaaa	gagggagaa	agagaagctg	gttatttcta	gaggatgtcg	taatctacat	120
cacaggcaga	actgatggct	cagtggctga	gtggccagta	tattgtcttt	ttttttttga	180
gacaaggtct	cgttttgtca	cccgggctgg	agtgcagtgg	cgccatcttg	gcacaacctc	240
cacctcctgt	gttcaggaga	attgcttcaa	tctggaaggc	agagggttgc	gtgagattgc	300
accattgcat	tccagcctgg	gcaacaagag	ggaaactccg	tctcaaaaaa	aaaaaataaa	360
agtgcctttt	aggccggaaa	aaaaaaaaaa	aaaaaaaaaa	aaaactcgag	cctntanaac	420
tatagtgagt	cgtattacgt	agatccagac	atgataagat	ncattgatga	gtttggacaa	480
accacaanta	gaatgcagtg	aaaaaaatgc	tttatttgtg	aaatttgtga	tgctattgct	540
ttatttgtaa	ccattataag	ctgcaataaa	caagttaaca	acaacaattg	cnttcatttt	600

atgttttcagg	ttcaggggga	ggtgtgggag	ggtttttaat	ttccccggccc	gcgccaatgc	660
cttggggcccc	ggtacccanc	ttttgntncc	cttttagtnga	gggggttaa	tgcccccttt	720
ggcgtnaatc	atggggccata	acctggttnc	cngtgngnaa	attgnttatt	ccgnnttcnn	780
aatttcccc	nanct					795

<210> 4754
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

<400> 4754						
gagagggnnn	tttcnaatgc	cagctaacttg	ttcttttttgc	nggateccctc	gatntnaatt	60
cggcncgagg	cnncnctgc	gctccgtgnc	tcaacanggc	atgcccnnnt	ctnctgtacac	120
tatnnagnga	gattnntagg	gactatggtn	nagnanntcn	gtacntgnaa	aaggggganc	180
tattgcatct	anaaaactta	tnatntaaaa	ttgactnatt	tagactagac	tcaagaatgt	240
atatgctntt	ggtaattagg	aactctngag	aatanaggct	gctgattgtt	gccatancat	300
gtctacaaa	atngnatctc	tatgggatgt	actggcaant	gtgtcataaa	atgctnctgg	360
gttnattcat	ncattccata	agaaaactta	taccancnaa	tgcattaaan	ccnnngcnag	420
ttncatnaa	ctgtanctat	gnaacntttg	tttaaggatc	nntctgatgg	tentntanga	480
gcnatcttag	ntctnagtca	ttggncnat	ccntntnctg	tgagtaccag	nacataccga	540
acttgnntnc	cctgcttcca	ctaantccag	ntgtgaccaa	aatctaactg	gacatcatac	600
ganangttat	agacanaaga	ctantgagat	ctaanantc	ctgcnttnnn	gnnaaccenn	660
ctacaaaana	ntannatngn	gggaanaatn	ntntnccct	ttggaccatt	tgncctca	720
atatnngccn	ccngaataga	nntnaaccen	n			751

<210> 4755
 <211> 963
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(963)
 <223> n = A,T,C or G

<400> 4755						
cnaannagt	annngtgc	cttgcenaac	nannnaggcg	ggggcgctct	ggtntntctag	60
ccttttagaaa	aaaaaaatct	agtcttggtg	aagaaaatgt	tcattttta	caagctccag	120
tacagcttgt	gtcaagacct	agtaagacca	cctttaatgt	gttcctggat	atgacattaa	180
aaactaaact	gaaaattggt	aggatatttc	cttggtccct	actttttatt	taaaatctac	240
tacatnctta	agaattaaaa	aacgccattt	cagaagagat	gatagtttta	tcttgccaag	300
gaattatctt	cttagtagcc	tatatggct	tattccaaaa	aaggcgtaa	ccccatcaa	360
aacatctnct	gcgcctctct	ctcagcatat	gctntgatnt	ttgaagngtg	naatagattg	420
gagctatcag	tcacttattt	cnaaaaaant	gtnttctntn	ttcttcatan	cctgtgaann	480
agggataccc	naggnaaagt	tcctttctgc	tgctccctcc	cctttggtaa	tgettatect	540
tatggaacca	ctnaacctgc	acaaaaccct	tcnccctaaa	aanccangnn	aanntggcca	600
anttcttnaa	ttangccanc	ttattttatc	cccnnggnt	cattaaaccn	aatntcttag	660
gcctggctnt	ggggccttcg	ggggggcctt	ttnggccttg	cnntngcnn	tnntaaaant	720
ncaggccttn	cnanaananc	antctntnct	ntctaccgan	naanaaccct	ctcnanangg	780
nccctcttct	tcananaacn	cttcttnnagc	tcggagaggg	ncceggaccaa	tttnaaccgc	840
ttctntntnt	ccccnccgt	gtcacctttg	gcttttcn	nncantcn	catctttntg	900

cnnantnacb nnnnattntt gngngcanac acaacaanen cccaactcca cncctcntgtt 960
nan 963

<210> 4756
<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 4756
gttttaattnn ntcagctctt gttcttttttg caggatccca tcgattcgca agattgggct 60
atggaattgg aaggcctggt ttggagtact cttaaattaaa aaaaagttat atttgtaaaa 120
taaccaccac aagattgcct gattcacagt tcttctgagt attggcgtag gtaattattt 180
aagatgtttg ataaattgta aaatgctttt tacatttttt aaggaatcaa ttgaactact 240
ggaaaccagt atgtagtatt cttggcaggt ctagggttca taatcctaatt ttctttgcag 300
cccactattc agaaatgtag tgattaacag agtcaagaat gtttcaggat atttttggct 360
acaagtaaca atacctaact aaaagtgcct taaataataa gcagtttggt atttcacaga 420
atgagaagct cagagccaga gagttacagg gttgggttcag cagttcagtt tcatcaagaa 480
cataagactt gcttacttta aagctcctct gcatgtcagc agagggctgc cccaatttta 540
gataccaaca tctggccaaa gaagagcagg gaatgcttct ttaagtactt attanggagc 600
aaaacttctt taaaagtctc ataggagggtt ttctcttagn ctcatgggat ctcaatggct 660
cttgcatact agaaaaaggc cacattcctt actctggcat ttaagtt 707

<210> 4757
<211> 707
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(707)
<223> n = A,T,C or G

<400> 4757
gttttaattnn ntcagctctt gttcttttttg caggatccca tcgattcgca agattgggct 60
atggaattgg aaggcctggt ttggagtact cttaaattaaa aaaaagttat atttgtaaaa 120
taaccaccac aagattgcct gattcacagt tcttctgagt attggcgtag gtaattattt 180
aagatgtttg ataaattgta aaatgctttt tacatttttt aaggaatcaa ttgaactact 240
ggaaaccagt atgtagtatt cttggcaggt ctagggttca taatcctaatt ttctttgcag 300
cccactattc agaaatgtag tgattaacag agtcaagaat gtttcaggat atttttggct 360
acaagtaaca atacctaact aaaagtgcct taaataataa gcagtttggt atttcacaga 420
atgagaagct cagagccaga gagttacagg gttgggttcag cagttcagtt tcatcaagaa 480
cataagactt gcttacttta aagctcctct gcatgtcagc agagggctgc cccaatttta 540
gataccaaca tctggccaaa gaagagcagg gaatgcttct ttaagtactt attanggagc 600
aaaacttctt taaaagtctc ataggagggtt ttctcttagn ctcatgggat ctcaatggct 660
cttgcatact agaaaaaggc cacattcctt actctggcat ttaagtt 707

<210> 4758
<211> 707
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 4758

atgcgggncn	aatnntnggc	tactcgntct	ttccgcaaga	ncccngegan	tcgaattcgg	60
cacgagattt	gggagtnnta	atatngacat	tnctgngatg	ctnatatatg	taatgtctta	120
attgagattn	ctgtannggc	anaaataatt	aggctagggc	tcttagtttt	cattcctatt	180
gccccagtnt	tgtcaaaacta	tggtataatt	ttaatgttac	tttaaaaatc	catantctgc	240
tagttttgca	tgtncttata	tgaaaacagt	gcagtaagtt	gaaaactcag	tgtctatgga	300
attgataaat	gtcgatctgg	tgtagtatat	tttatcgcat	ttncttatat	taaaaaatgt	360
ctgcatgatt	ncatttttatt	tcctttgtaa	tttacatttc	agaatagtgt	attgctatat	420
gggtgccaag	attgaatatg	aagaaccena	gtgtttgtag	tattatagtt	ttaagcaaat	480
ctgtgtggng	atacagccat	nagantgggg	cttatataaa	ctctgaacat	gtaagatttt	540
gtacagagaa	tcnttaactn	tataaattgt	atatgancat	gtaaatcttt	taaaatgtac	600
atnanatact	gtatttcatt	accttgtgtg	tnatagtcta	gtcattgcct	gtnaatataa	660
tttattacgt	nntctgnagc	ataaaccat	acatngatga	cttannt		707

<210> 4759
 <211> 842
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(842)
 <223> n = A,T,C or G

<400> 4759

annnncnntnn	annantncnt	nntnnnnatc	nnnntctnnn	tnctntntna	tttaannntt	60
tatannnnnnn	tntnannnnn	antnntaatn	atgttnttct	aatgnnggct	nctactcttg	120
ntgnttggtc	agtaccenng	gattcnaata	cggcacgagg	caagttccag	tgaaccacaa	180
gtatggcaaa	ncttatccaa	ttttatgctn	ggggcagtca	gnacatacca	gtttctgatg	240
tttcaggcat	gagtggggta	aataagtgtg	accacttaaa	gctgntcggt	agcatggaag	300
acttctccat	tctatctttg	naaaacagac	aanatatgca	cttgacatat	tagcaaatng	360
gtnctgaatt	atncaactgt	ttgctattta	ntaaactagc	aaatgatgca	tgtattntgt	420
ttttcatgtn	ctgggcaata	tgagtaaaat	ctgtcccttt	ttccccctnt	gaatgaggtc	480
tnncatgntt	gangnaaagt	nttgactat	ngcatatant	nnggggacac	agattttcat	540
aatntccatt	ttttgggggc	ttaaggattt	ntttttttcn	ntgtgaaaca	gtnataannc	600
ttanncnata	tnatancttn	aaatatntac	caggaaaant	cctttttgga	nttttcaaag	660
ccttnnatta	antctanttt	ttaaagaaan	cncntatggt	atattntna	aaagggtntt	720
ttccccccaa	nccttanttt	tacctgnnaa	nncttgnttn	cccntttaat	antatnttta	780
ccaaatntcc	cnatttccng	ganaatntnn	cccttcccnt	nccttgaaaa	acattgtttt	840
nc						842

<210> 4760
 <211> 843
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(843)
 <223> n = A,T,C or G

<400> 4760

tgancatcatn	tctcaagnag	nctanatngc	cctaacnaga	atngngctng	gggnaattcg	60
gcacgagcta	gcagtaggna	acaaagtata	anaatgacag	cagatgtgtg	gncanaaatt	120
attcanggcn	naagacantn	gaactgaaaa	nnaaagtagg	tcaatctaga	attctatacc	180
caacacaaat	atccttcaaa	aatgaagggtg	aaataaacac	tttttgatgg	acaaactgaa	240
ggtgagagaa	ttcgtnacca	gcagacctgt	agtacaaaaa	atggtgaggc	aagtttttta	300
ggcnnaaana	aaatgatact	anatagaaat	ttgggctnca	caaaggantg	aagaggcttn	360
caaatggtnn	nattatntgg	aancatatga	aagtnatctt	ttctcatntt	caatcccttt	420
tgagaaaactg	cttaaagcaa	naatatnnac	naggtactat	gnagncttaa	naacatacat	480
anaancaaaa	tgtatgacaa	aaactactaa	agttnnccan	gantnntggt	gtgtgcctgn	540
ngcncngcn	tgtcttgttn	ggctnanatg	gggacgatnc	attctnacc	gagcccnat	600
angtcctaac	ctnntntgan	ctgttgantg	gtntcactca	cncctctctg	ggctacacan	660
ntngaccctn	tcctgnaanc	caaancacct	ctcaaccttc	cncctttctt	cnnancnttt	720
anctgnannn	tcctttatnc	nccctnnt	ccccccacct	tcctccgnat	cncctctctt	780
gcantttttt	gctccncanc	ctcccaacnn	tnngnnaatt	tcctcactgn	canacacann	840
nct						843

<210> 4761

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4761

gntntnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240
ttttctgtaa	aaagagacaa	ggtcttgctc	tgtcaccag	gctggagtga	agtggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttggtga	gacgggatct	tactgtgttg	cccaggctgg	tcatgaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagtg	ttgggattga	gccactgtgc	ccagcccatt	540
gnttttatta	ttttttaaag	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnca	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aattttttt	718

<210> 4762

<211> 718

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(718)

<223> n = A,T,C or G

<400> 4762

gntntnnnt	tntatannna	cangctactt	gttctttttg	caggatccca	tcgattcgaa	60
ttcggcacga	ggcttctgtg	tcaaaaaaca	acaaaaaatg	gatattagga	acgttttggt	120
gtttaaaaaa	attactttgt	ttttacactt	tggtagaaaa	aacttaagga	atatttcaaa	180
cataatacaa	agtgagcaga	atagaatagt	gagcttttat	gtaaccattc	tttttttttt	240

ttttctgtaa	aaagagacaa	ggtcttgc	tgcccccag	gctggagtga	agtgggtgcta	300
tcataacttg	ctgctgcctc	agactcctgg	gcggaagtga	tcctcctgcc	ttagcctgcc	360
gagtagttag	gactacaggt	gcacaccacc	acacctggct	aattttttaa	tttttaattt	420
tttttgtgga	gacgggatct	tactgtgttg	cccaggctgg	tcatagaactt	ttggcctcaa	480
gcagtcctcc	tgctgtggcc	tcctaaagt	ttgggattga	gccactgtgc	ccagcccat	540
gnttttatta	ttttttaaag	gtttattttt	aggtgaagtt	tacatatatt	gaaatgcaca	600
aatcttaact	gtncagntgn	taataagttt	tattgagata	taatntatat	actattagtt	660
atatggtnc	taattcacat	gccttctttg	aaagngtcca	nnttcaantg	aatttttt	718

<210> 4763

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4763

gttannccctt	tcnaatgctn	ggctacttgt	tctttttgca	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gnngnngnnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatattct	gagnnnnncan	gngeccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatagagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggnntnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cnccagagtt	ggaaataatg	ccaanangcn	600
tnggtnatta	gnttcncaca	tgtanngtta	ggtttttttg	actnntgcna	ngcttactan	660
ttggggggaa	gaagaattca	gaagccntgg	aaaggtnggt	cngaanttaa	ngaaatngta	720
aaanaaagct	tggnaaantt	ttacccttgg	caaggatngn	ntngccnn		768

<210> 4764

<211> 768

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(768)

<223> n = A,T,C or G

<400> 4764

gttannccctt	tcnaatgctn	ggctacttgt	tctttttgca	ggnncccatc	gattcgaatt	60
cggcacgagc	tganttgcen	gananntaat	gnngnngnnc	aagagactct	nccantntgt	120
aantggctan	ttagnntgnc	tagctgagcn	taatnaaagn	nagnaaactt	ttataactna	180
ttaatattct	gagnnnnncan	gngeccant	acnntatncc	ntnancttgn	atctatgacc	240
atatnaatat	anngcataat	nccgcttcta	tcatagagtan	ctactagagg	natgcatngc	300
gtgtaatngt	gangtaatnc	annttacnga	aanttangtc	ttgcangnat	anggnntnnn	360
nactaatatt	ttannatata	gatatgacat	ntgtggaang	agcactagag	cntgcatctt	420
tnatatgntn	nttgntctana	tgancagcan	ngtatgnngn	tcaaanttat	nanaactcat	480
ncnagtgtct	gntcattcga	accctacctg	atantantct	aacttgggaa	aaaaaantg	540
gtctgaatgn	tncanntttt	aagtgnctat	cnccagagtt	ggaaataatg	ccaanangcn	600
tnggtnatta	gnttcncaca	tgtanngtta	ggtttttttg	actnntgcna	ngcttactan	660

ttgggggggaa gaagaattca gaagccntgg aaaggtnnggt cngaanttaa ngaaatngta 720
 aaanaaaagct tggnaaaantt ttacccttgg caaggatngn ntngccnn 768

<210> 4765
 <211> 1475
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1475)
 <223> n = A,T,C or G

<400> 4765
 actaactatc ncacacnncn acgccnaaaa tngccnaacn cnnnnnaaag ctnggggncn 60
 anacctncac cacncancac ccaaaaanaac aancnaaaca acaacagncc cctencacct 120
 nnannccnnc ccncataant acanccctccc natagctntc acccacacan cacacncent 180
 caacccccan cancctcccn acnccccacc caacccaaan acntnacnta annccacccc 240
 cacnaaaancc cennncaaca cnnacnaca cncncanncc tcacnccaac cccccacccc 300
 nccncaacn anccccctan canaccacc cncaccccc ccccaaacnc aannccnncan 360
 cnncnacnan anctcaaccc nnaccacccc cccncacca caccctccan accccanacc 420
 cctnanaccc ccncaaccnn ccacacncat cacnnncaca acatntacnn cntcacnncan 480
 caanacnaac acccaccnca cacnnacacn cacatcannn natgnnctca caccactca 540
 ntntaccaan ctaacaacca caccatacag ntatcncaca cannccccaca acnnacatc 600
 acaccancc ntcnnnaacc cacnacacn acacactcca tacanccanc ncacancaca 660
 ccaannncca ncaaaaaccn acacaacaca nannccacaa cactctctnt ancnnacact 720
 ctaatatcnc ntaaacaatna cncnnaacc cactatccn caaccatnat nccatacacn 780
 cacacanaa catcacaacn cncnccctnt cantctncac ctacacacna tnnacanaa 840
 cnnacaccac ctntntaacna acacannntn cacnacncac accaccacat acacccaaca 900
 nctccctcnc tcncnncaca ccacaccacc aaaatcaccc nnnacaactn tncncntnaa 960
 tncnntatc nctccaccac naatnntanc cncacnncn annctctcac aacactctcn 1020
 cacanaatnt ctntccntct ngantcacac ancannacaa ctnncccaca tctcacannn 1080
 cnnanntna cctntcnanc caccacacat cacacacctc acannnccta cntcacnacc 1140
 anccacacca cnanacccca atncnctctc canacacaa acnanacnnn cctcannnca 1200
 tcnacncaca tncatcacca ccnaccacnn aacacctnct cactacaaca cncancnatc 1260
 accnacncc atcacacacc acncacanca caccctcacc acccaanntc acacactnct 1320
 ctcccnctc tctccaccn ncnncaatn nncaacacn nccccccac accctctacn 1380
 ncnntacnn tatctatcac caccanacnc acacatatc atnnncacac ntcacctntt 1440
 annaacttca cacaactatc natncnncnn tncct 1475

<210> 4766
 <211> 798
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(798)
 <223> n = A,T,C or G

<400> 4766
 ggttnatanc agctcttgct ntnggccnga tncngtgaa natantctct ctagctcact 60
 tgtntaaant gganagtctn tnatnatcgg tatgaacccn tnaaggagcc atgtntaccg 120
 gnctagctat actngnccnn ggggaagccc tgccctgtgtg nantnccntn ctgggatnct 180
 tnaanagnaa acnnnacgct ctencanatt cntnagatgc ncagntagct tatnagncat 240
 gggattgcca nntgnnccat ctncgtctn anggnctncc anngcacnng tttnnccngac 300

naacnggncc	netgtgtaaa	tagnaggcng	agaaatgata	cnntgctgtg	gaannaccaa	360
ccnactatgg	accngaaact	tgetggcnaa	atnaattatc	tncnacaaac	ngnaangtgg	420
ctengagatt	gatngttggc	tataatatng	aagccccctgc	cctgtgacnn	tgatnctagt	480
gattattgca	tgnetcctca	tctgtatant	gaaannccatc	tnattaggna	nagngtttng	540
anacntttng	aaaggncnta	ctggnaattt	acnttanaat	tnttttccat	tgcccgacca	600
caaanttnca	agnttttccn	gncacatttn	nnnacttaan	ggccenggna	cctggaagng	660
ctttgaaaag	gcgcctttta	aaanngngat	ttagccngnt	tnatttancc	cnttttanaa	720
acnggnnttc	aggncncca	attncnngaa	anntaacctt	tagncctttt	tnaaaacttt	780
ttggggnggt	cngnnatc					798

<210> 4767

<211> 1861

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1861)

<223> n = A,T,C or G

<400> 4767

naacngngtnn	gtgaggccta	aatagctnnn	ctntngtgta	ttngggngna	ggtgcnttna	60
tnccngccna	gnntannnnn	nggntnggag	nttngggngn	nnnctancnc	tatanccnnn	120
naacnagggg	ggggncnttn	tnnttccttt	tnctnctenn	ngtgntnttc	tntgncnttt	180
tnccnnttnn	cantctnnnc	ctcacgtntt	tnngttcnnc	ccnnantnnc	nnnccgncca	240
tcctttnttt	ccnncccttn	cttctntnnc	aancactntn	natatgccnt	atatactcnn	300
nnccngcnac	nctatnncta	tcnccntnnn	tcnccnctac	nnnctcagta	nttnnctctn	360
nnngnctnnc	tanctnctgn	gtctcncatc	atatactcgc	acgtnnnccat	tannccctcca	420
gtcctnntnt	ctnactctna	nnnangctctn	tcctctctntt	cnanannctc	tntntnctat	480
ctnnattang	tnacngctct	gnnccntttc	acangagnnt	atgncncttt	tgtnccatctc	540
nnactcngc	nnccagcactt	cnnatntctc	nattnacang	ntcactgcta	actcanctnn	600
atntctctct	ncnnnagcga	acgatntctg	cannanacag	cctntctgcn	nananacntc	660
gcnctcgttn	tagngcgatc	tnncagttna	ttcttnatcc	tcgtnttgta	ntatntntan	720
gaatacatna	tcntncangc	nnccacttanc	anntnnccatg	acnactntgc	tctctgntan	780
cacanangct	ttcnnngctn	tcttacgann	ntgcnngegc	anactntgac	tntctnatgt	840
cgtctctcat	nnatatttnn	tnatcatanc	tnnctntctc	ctncantntt	gntancctcg	900
ntgattctct	atatngctca	ctntnccatc	acannntngn	anacnattgt	nactcaangt	960
cntcgnnnnn	nttctacgct	cncntngacn	ttccaatang	ganatntctn	tntcacnnct	1020
gtntatncca	ngtccctgan	ccgannatan	atcnnnatat	cgacgacnng	cnannnnatan	1080
tctctcagcg	natatnccatc	ngnnctctaa	ncncanactg	ctattcnant	agnnccnttn	1140
tctctatncc	cncctcttan	tacannattn	ggntnnnttc	gctancnntn	tcgntctctn	1200
ttnnntatan	nnnnnagctc	acnnncnctg	cgccatntnt	acntcatnnc	nngtctccat	1260
anacatntac	tntctatnaa	ngtaccctnt	ntctctcgan	ancnccnntn	nattgntcat	1320
nanatcanaa	atntnnacnt	ctctgatgac	gcntctcant	atactgncac	tcttcnnatt	1380
attatnnagt	tcctgattct	ntctctcana	naannctcngn	cnnnnctctc	tnaccatntc	1440
nancgntagt	gncatgcanc	tanntcncca	cntntatntg	cgccaccatn	tactctatng	1500
atctccntga	nctatntnan	gnatnatctn	tnccnccnat	ntcnctgtnt	antcnancnc	1560
anacatnccg	tctcatctan	agtctcttan	gancnccgna	canactctc	acanaagatn	1620
ntagcmtat	taatatgana	nnctctctna	nnctctnnnn	nnctatntn	atannccnag	1680
nanngactcn	gcacatntna	tcantctntn	cncnaacnct	nttctannng	tntnaatctn	1740
gnannctcgt	antcnnnnca	nttcnntntc	atgcacattg	cgcanntctc	ntncatcaaa	1800
acatactnta	tnctnagacg	actnnagctn	cnatactctc	tcnnctnnan	ctngccnctn	1860
t						1861

<210> 4768

<211> 1522

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1522)
<223> n = A,T,C or G

<400> 4768
ctnttaactn ctaatncttc ttcttggena cggcncttan tatgngecnc tnaaaateng 60
aataggggtc tnggggggnc tactenacch nncncncnnc gncctnatna nnnccetnaag 120
nntgnetttc cngcncttaa ntccnctct caccnncntn nccgncqngg ttttencecc 180
tctnccctcc ttncctatn ctcttneccu tccctctect ntccccccnt tntcnatntn 240
cntccctent nccntatctc nccccctccn cccccccanc catecttttc tnnctcccn 300
cnnctctcnn tncctcacc ttttntcenn tccnnnttct cctcaccnnc cncnancct 360
acatcncttc tcttncncnt tnttctcnc ttnnacactc tctatcattt atctctccan 420
ntantnttna tcccnnceta cctnnmtcta cctttccnca nanntcttca tctttccctc 480
tcaactcata nctnaceta tccnacttc tntaatctct tcnntcactn ctenctcact 540
ctcttntctc tcnncannnn ntccacactn tntnnnctn tccntcnan ntcttcatn 600
ctcancctc ctctntntn tnttctctnt ntccccctac nncctcccta tcnctctnnc 660
cncatcnnac tctctctnt nctcaccctc ctctctctnc cntttatanc acncttacnn 720
ctcncctnnn cncnntctca ctcactngct ccactcnctn ttntatanat cccnctctn 780
tctgatctct cncctnactt ccncanactc tactnacttn tctnactnt ctancctctt 840
ctcctcanct ctoganact ntntcnann tcatntcna ncttntatac cncgncntc 900
tacctntntc cctcaccacc ttcctctccc ttcgnatcan ctenncncnt nctnctcaca 960
ctnnctcact nactcatnnc tntnnatctc ncttntcn cncncnctnt cactctctca 1020
natactntct nntctatctt ctntcantct tntcttncnc actatnact cccctctnna 1080
tctaccctc caccatnctn ttnaatcnc tcagntacnn tctacatcat tncntccat 1140
ctcctgctna cantntcnc acatctctct ctnnnnnccn ttnactctt ctncncnct 1200
cctantcatn cactccatn tcnctctctc tcnnaactta cncntccct cnaentnca 1260
nccccctta tccatctcnc cmtctatct accnactaa ctctctccct accnctntt 1320
cntcctntn tctncttca atcantctac tactctncc tntnctctat nntcttctc 1380
ttctnaccat tatncncntc ctentnnct ncnnttcta tntctntac atctccnt 1440
cacttactct caccnncctt nctcctacc tctctcacc tctactctc nttntctcnn 1500
catactannc tctnccatc ct 1522

<210> 4769
<211> 1411
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(1411)
<223> n = A,T,C or G

<400> 4769
ccncancccc ccnnnnnaac ccnnnnccnn nnnnccnnnc cnnccnannn nnnnncannn 60
ancannannn nnnnnnnnnn nnnnnnancn ncnnnnnnnn nnnnccnnnc nnnnnncntn 120
nnnnnnccnn ncnnnnnccn nncannnccc cnnnnnnncc cnnnnnnccc nnnnnnnntn 180
ccancntann nntcnncnnc nncnncnnnn nnnnnnaaaa agaagaagg nnnnccnnnnn 240
nnnnnnnnnaa anagaaacnn acnnggggnc gcgnnggggn cncgnttttt tcccttaaaa 300
annaggaccc ttggggcgna canngcctc acncatcgtc nncnganaca cgagacnttg 360
cggnngnnga ttttttnaaa naccgantnc cncatacna cncgcncnn ncgnnnnaaa 420
nnccnnannn angnangtan nnnncgaacc cnnnnnnaaa ncancnctn agnaagnncc 480
anncagcact cgctgcggta cctncnncag ccgncgnncc aatcacnnc ngntnnnacc 540

anncetenan	gaccagetaa	acctccanai	agccactctg	aneetctat	ctntnnagac	600
caengaacnn	attenancag	gacncanann	ctcaacaen	acnateccct	castgnncec	660
ctccccagac	aaanncannt	ctnnnaagcg	ccatenceen	nnananennn	natecnanac	720
anntctctan	ccccatantc	ccccacacac	ccccengnac	gnncantnac	nnnaacanne	780
ncogtagccc	enncctnaa	ccanctanc	atannaectc	tnennncect	ctctgencen	840
cacaacnnat	nanctncaa	caanncnna	ncanacnta	annenncnnc	ccacaacnec	900
cnegncgaac	atncccnna	cnnagnacc	acacataana	naccnncacc	cnactnatat	960
atcccaanc	naancnntn	nnnnccaana	ancccnnat	caacancan	acnaacannt	1020
cnencntac	mntatcnann	atcanannca	cccnccctt	annannnnnn	mntnacancg	1080
tanaaaacgn	ganaacnnca	nnncnntcta	acctnnaanc	cacnncncnc	acnncnanta	1140
ncctccngn	anncnnnan	ccnnaccnc	cttnanncn	nncccttna	anacnanta	1200
ncnncacanc	cnncnnanc	gacncantaa	nncccaatca	nctaaaaacnn	ctctcnenna	1260
ncnaacacat	cnannacgan	cnctcnacan	atncaaganc	ncnannaant	cnacncanan	1320
angctcnac	ntatctnnaa	acnnaannat	ncctactanc	acacaaalet	nnacnanta	1380
anancnnca	cgnaatcanc	aanataccnc	c			1440

<210> 4770

<211> 1349

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1349)

<223> n = A,T,C or G

<400> 4770

ncctntaaaa	tnnnaaaact	nnctttgggc	naaaacnncc	ccctcaaaca	tattcagacc	60
cccttaaaaac	atcagggann	ntatggggnt	cttntngggg	gccnntnnnc	antntcatat	120
cnntataana	nncccentnt	ctacacatcn	ctntctactt	annantctcn	nnctcatcnc	180
tgnnnnctat	anntatctnc	tcccactccc	ctacttcacc	tctcnenncn	ncctctctta	240
ccanccntat	accncancac	ccaacacnnc	accnccnacc	tancacctat	canntccctca	300
nattctccct	ntctccctt	ccctcccttc	attctcccn	canctcnana	ccnncnncac	360
ctcattctac	tacacnccc	ncctccctct	cccnacnnc	tctccatcct	ncncccncc	420
ncctcccn	ttntcnccct	cctannncaa	cactccacna	cacnncntcn	tctctcact	480
cctactcnct	ancncannc	tcantctcan	actntccctna	cataactacc	ccactcntac	540
ncctcnatc	caactcannc	tcacncatcc	actctcntnt	cnctctcttn	nnacctcnca	600
tcnntctnac	acctctnccc	cttctcnttc	taccattcac	tctactctcn	ncnncctcac	660
tctctcattt	cntcnacct	ncatcactcn	tccnntacc	ctatcnctct	ntatctntca	720
ccatatecnc	actcnccgac	actctancta	cnctctacct	atactntcnt	ctcatcacta	780
natntntacn	tctctcnacn	cttanncctc	nactacncac	tctctctctc	actncanct	840
anacacactc	cctactncac	ctcacatatn	tnctctcnnc	ntcatnatac	ctctnnatnt	900
antctctntc	tnncncaann	tnctnccctc	acacactntc	tcacactnac	ncctctctctc	960
tctntctctc	tctcnccnct	atanacctnn	cactctcant	cancctact	accnctcttc	1020
tctctnctc	cnctntcttc	nanatnnncc	ncctctacacn	ccacttacacn	naccacacat	1080
cactctnca	ccctncatcn	ntcncttcac	tanntaccac	nncaactcnca	natctccntn	1140
tctntnctc	nntnaccnct	caccatctnt	tctnctcnc	tcacnctctn	ccactctcac	1200
ctctttcana	accatactcn	ntntccactc	cncccttcacn	ctctccacc	nacatacccc	1260
nnacnncac	tnacnctcc	annccacatt	cnacacntcc	ntcnccct	tcctttcnncn	1320
tctnccccc	tnctntnca	cccttcen				1349

<210> 4771

<211> 791

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(791)
 <223> n = A,T,C or G

<400> 4771
 gnntttagan nnnnngccnc ttgtttctttt tgcaggatcc ctcgattcga attcggcacg 60
 aggttatggt gggaggagcc gatactgagc ttcttctctat ttgccatggg cttcactgta 120
 taaataggag aggatgagag cccagaggta acagaacagc ttcagggttat cgaaataaca 180
 atgttaagga aactcttata tcagtcagtc ataaatatgc agtgatatgg cagaagacac 240
 cagagcagat gcagagagcc attttgtgaa tggattggat tatttaataa cattacctta 300
 ctgtggagga aggattgtaa aaaaaatgcc tttgagacag tttcttagct ttttaattgt 360
 tgtttctttc tagtgggtctt tgtaagagtg tagaagcatt ccttcttttga taatgttaaa 420
 tttgtaagtt tcagggtgaca tgtgaaacct tttttaagat ttttctcaaa gttttgaaaa 480
 gctattagcc aggatcatgg tgtaataaga cataacgttt ttcctttaaa aaaatttaag 540
 tgcgtgtgta gagttaanaa gctgttgtca tttatgattt aataaaaataa ttctaaaaaa 600
 aaaaaannnn nnaaaaaaac tngagcctnt anaactttag ngagtccggn ttacntnnat 660
 cccggacctg gntaaggata ccattggntg aantttgggc caaaccccca annttgnaat 720
 gccttggnaa aaaaaatgcc ttnattttgg ggaaaatttt ggggaaggcn nttnngnttt 780
 aatttnggna n 791

<210> 4772
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4772
 cggtttnaga atcnancnct acttggttctt tttgcaggat ccctcgatgn ngaattcggc 60
 acgaggntac ntgcaatnac catnntggna tcagtncaact anngcctctc ntagaaaaaa 120
 ggggaccnag agacnggtnt tcacccatntc gcccatgcng gtctcacact cctgagctca 180
 ngccatccna ctncctnman ctaccaaagt gnttccgtna nagncnaact catttttatt 240
 caatggccat ngnntctnac acnctnattga natntnagcn nacntannn cagtntnctn 300
 ataccacntg gcgnatnnan aaccccnnga tgcnnagccn tngtgaacca natgctnana 360
 tgccattcaa tcaggaagat gccaaaaatg nnctnnttat tntaanataa gtacttaagt 420
 nancantatt cagaantgac nntctcatan ggaagcnnnn ttatctnctt nnatnannga 480
 nattgttana atcnttncn ntaatccacc ttnatnnmta cccntttgtt tattaaggca 540
 aaagattncn nttatccnnc tannaatgct tcatgaaatc naanmtaata tttnttnaag 600
 ctantntcca ccattanttn nnnntgtaca tttnttaatn tgnaannccn atcttgatn 660
 aaagaacctt aatnnccaan nnttccnnaa tnatgntnn attccacctt tanncnatat 720
 annccnaact tntcttntct tttnttccnc 750

<210> 4773
 <211> 979
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(979)
 <223> n = A,T,C or G

<400> 4773

gtaccnattn	atgtgctant	ctgctcnttc	ttnttgcaat	atcccatcga	ttcgaatnng	60
gnacgagccn	ncctgggtcnc	tgncaggatt	gacnnattgn	tagctntttc	tagannnnngn	120
gnatgggtggt	gcatggccga	gtcttagtat	ggtggagcgg	atcatgaaag	cccagncact	180
tgninggacaa	ctncaccatg	ggctatatga	nggccaaaaa	ncacctggag	atcaaccctg	240
nccaccccat	tgtggagacg	ctgcgncaga	aggctgagge	cgncaagaat	gataaggngag	300
nnaaggteet	gntnntgctg	ctgctngaen	ccgnnetggt	atentctggc	tnnnccnntn	360
aggntcecca	tacccactcn	aaccgcatct	atngcatgat	caagctannt	ctnngtattg	420
ntgantatna	nnctgncacc	ananganccc	acnncttgca	actnctgatn	agatcccctt	480
tntcnnnnggc	nacgangatn	catttnntcc	tngaanaagt	ccatntagtc	actttncenn	540
tcnntntcn	aacctnttc	tccctanan	cttaentttt	ccnatcntn	cctcnnccatc	600
tcgncnatte	cncccatctn	cncccentcc	tcctctccnn	tgnnnetatc	tnncccnccc	660
ccnctcnnt	tntctnattn	tacttctccc	tctctctcnc	ntnnncattt	tctancctct	720
cntnccntnc	tnttactnnn	ctenctact	acntcactcn	notccttact	cttnnccnant	780
nnnnetctnc	ctntnnctc	netctccnn	tcactnanen	ctentnntnn	ntcnntcnac	840
cncctntctc	nanctcannn	netnnntnca	tcactcatann	ctntctcnc	ttanntnnct	900
ntctctntct	cncctnttn	cncnnetcan	tctttctcnc	tctctntcnn	tctctntnct	960
ntcaentcc	tntctctct					979

<210> 4774

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 4774

nntaaatcan	ctcttgncctt	tttgccaggat	ccctcgattc	gngnnnangt	cgagnacntt	60
cntagggggc	ctnantctaa	tangngcctt	ntgnetgtca	tgatngncaa	ttganaagna	120
nttnantanc	ncatttagaa	tctantgact	agcctcctct	ctggtngetg	gtggcattna	180
nggttcanac	cancntaan	tgctgggtgct	gttnaanang	tctcacgtgg	ctgentgtcn	240
tggtctatgc	ctgtntccc	aacattctnn	naggccacn	cngtagaacn	gctngagncc	300
angagtncag	aatcagcctg	cgcaacatnn	caatactcnn	tntcataaaa	attcataaat	360
aacangtctc	acgtgaccaa	nggtcctga	agctagaacc	angtttggat	acaagattga	420
agateccacan	gccantcttg	cntctgagcc	ntnnngccta	ntngngncat	gtntnnnaat	480
tgntcanggc	nagagcnnnc	nntntngent	natacnggaa	ngncngctta	attngcnnnn	540
nttcagtcca	aatnnnatac	tntngggacn	ntaacntgcn	ctatnctnta	tnnccagaga	600
ctacngtctt	antcatccan	naaatgancg	atngntnatt	attcccatgg	cacctntatn	660
naaatccaga	gttcttcgca	gnctttngc	tntttatatg	tgtnccaaat	nttaaaccnt	720
nataattatt	gggcntctga	n				741

<210> 4775

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4775

aatcngctgc	ttgctactcg	tgengatccc	tcgattcgaa	ttcggcacga	gacttttatga	60
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```

gaagaatctt actgaaaatc aagaagctct tgcaaaagaa atgcgagcag atgcagatgc 120
ctatagacga aaagtggatc ttgaagaaca catgtttcat aagctgatag aagcaggtga 180
aaccagagc cagaaaactc agaagtggaa ggaagctgaa ggaaaagagt tccgtttgag 240
atcagcaaag aaagcttctg ctctttcaga tgcgtctaga aagtgggttt taaagcaaga 300
gataaatgcg gctgtagaac atgctgaaaa tccatgtcat aaagaagaac ccaggttcca 360
aaatgaacag gactcaagct gtttgacctag aacctcacia ttaaatgact cttctgaaat 420
ggatccctca acacagattt ctttaaatag aagagcagta gaatgggaca ccacgggaca 480
gaatcttatt aagaaagtga gaaatcttcg ccagagactc actgcccggg ctgctcacag 540
atgtcaaacc cctcatcttt tggtgcata gaatgcatgt caccttgaga cggctganag 600
agagacctat ttgcaatca gtgacattga ttttagatt atttatttaa aattcctatn 660
aagatcagcc cttgtacag aaaaatgtgt ctataaaaat tatgtgttat t 711

```

<210> 4776

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4776

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tccccatttt gaatnnancn agctacttgt tctttttgca ggatcccatc tattngggng 60
nannctttnt tgnnaatncn ggtacgnnnc tatgnatcan gactgnactt nggtanctnn 120
cttgcccnt acagnngnaa ngaangatgg gctgggtggat tggccacact gggagcaaca 180
tggggcangg ggagccctca cctnagcca nccagacgag tgggatttnc ccagnacan 240
natacccccct tcacaaangg accactnaag tgcttcatta agcaagtccct ggatcctgtg 300
ccnccaact ggggtgagaca cccaatggg tcacctaca ccttatacaa naggatttta 360
ctggcatnan gtgggtgcc ctcaangaca nagatccan agganngagt ggggtctnat 420
ctttgctgtt ntccatcac tctttggta catnttcagg tntgggagg accagatta 480
gtattggctt tgaangaaat tccannnat antgannta tncctnncat aagatgggtgc 540
ctanacttgn ttataagnn ataacantna ngtctacacc naacnttcan ccntaaaaa 600
attnccctan cnaaaanncc tcaatntttt aaagggtcna ctgcttncnc ttacaagga 660
atctnantgn tggntaach anactttctt tgtaaanatt ganntaaach gggntnttng 720
tatntatann tctnctnta acnntctn tgatnaaang ggnttctatn taatcggtgn 780
ttctgcatcn taaccttctc naanaaanng tattctctnc taatntcanc cncntttnta 840
ancnnngtca anacgcgg 858

```

<210> 4777

<211> 999

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (999)

<223> n = A,T,C or G

<400> 4777

```

ccnncnncnn nnnnnnnnnn cnnnnnnnna nnnnnnnnnn nnnnnnnnnn nncnnnnnnn 60
nnnnnnnnnn annnnnnnnn nnnnnnnann nnnnnnnann nnnacnnnnn cannnnnnnn 120
annnnnnncn nagnnnnnncn cncgnnnnnn nnannanngn gnacnncnnn tanancnnnn 180
nnncnnnnnn nngnnnctg ncnncncttt tcnaaaaget ggtectcngc nactnnncag 240
gcagcccnnc gattcagaat tcggcacgta ggccaagtat gcagtgtnaa cggctggnag 300
nntcgagaac cngagtgtgn gctctcctg nngaccnaga ncgangcgag agctccaagn 360

```

```

anganatgan  tngnacctgc  atggganaag  gncaggngga  tatcatggag  agcgtgaana  420
nccgggtctga  aanganacag  ggggtgccacc  cangtgccag  agatgcgaag  naaccaatan  480
agcaggggan  gggncagng  nnnanegaac  ngaagagcan  nnaacggnnn  anangnnaag  540
gagcacaatg  angccctnat  cgccengagc  nctcagccn  atnagggtc  atncaaacng  600
agcaccctgt  ttcnnntgcc  cacaaaatng  aattgantca  agncacgccn  gacangtgcn  660
nanagccnng  ccattggaac  tegtctcccc  cctangaatg  ctgcccctgc  nannacccat  720
tgctatgctg  ctnacccant  cccncttgta  ttctgggggc  cctcttatg  nactgnaacg  780
antcanccgt  gactaggggt  aaaaacgnan  gnggaaatgn  tatangaant  tngcaccang  840
naatcatngc  ttatccatnc  ccnaatgcat  ngntnaaant  tcnacaacta  gtncgtcata  900
gnacnctnt  ggaatannta  ggngaaactg  tggcttatna  atngtccnan  ntggganaag  960
ggganccana  tnaacttggc  tnaagcnega  atgtnnccn  999

```

<210> 4778
 <211> 796
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (796)
 <223> n = A,T,C or G

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<400> 4778
ggtgnagtnn  atgtctaant  ctntgnnngc  gnttgcntc  gatgcaggat  cccatccggn  60
gaagaagctg  cagaagaaat  gaagaaagt  atgatgattt  anattttgat  attgatttag  120
aagacacagg  aggagaccat  caaatgaatt  aatatcactg  tattaaaagt  ctgccgggca  180
cagtggctca  cgctgtaat  cccaacactt  tngaggcca  aggagggtg  atncctgng  240
gtcangantt  cttnacngc  ctggccaaca  tggcggaacc  ccatcttcac  taatagtaca  300
aaaaattagc  tgggcccgtg  tggctcatgc  ctgtaatccc  agctactcaa  gaggcttgan  360
gcaggaggat  tgcttnaacc  ctgnaggcgg  agattgaagt  gagctgagtt  cgtgccatta  420
cactccacct  ggggtgacana  gtgagactct  gtctcaaaaa  aaatanaata  aaaagtcnat  480
ttacaatgtg  aaattctgac  accttttggt  tttgagtatt  ttcccaaaga  tattttgaat  540
ccttantgaa  ggaaattnan  aaaaaancta  tgggaaaaat  tggacnaaat  ttcattnctt  600
gaacaatntt  aaaattgggg  tattatttac  cttaacant  ccaacntaaa  ccangaattt  660
cagnaattgg  ntgggnttgg  attaanntaa  cntaacctca  tgttnaaaaa  ttaaaaattc  720
ncattanttn  cettggctc  naanaaaant  nntnacncan  ataaactcen  ngcccagncc  780
tttccnnngc  cttttt  796

```

<210> 4779
 <211> 712
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (712)
 <223> n = A,T,C or G

```

<400> 4779
cacaagctac  ttgttctttt  tgcaggatcc  catcgattcg  aattcgcggc  cgcggcgcca  60
atgcattggg  cccggtaccc  agcttttggt  ccccttagtg  aggggttaatt  gcgcgcttgg  120
cgtaatcatg  gtcatactgt  tttctgtgt  gaaattgtta  tccgctcaca  attccacaca  180
acatacgagc  cgggagcata  aagtgtnaag  cctgggggtg  ctaatgagtg  agctaactca  240
cattaattgc  gttgngctca  ctgnccgctt  tccagtcggg  aaacctgtcg  tgccagctgc  300
attaatgaat  cggncacgc  gcgngagag  gcggtttgct  tattgggcgc  tntccgctt  360
tctcgctcac  tgactcantg  cnetcggtcg  ttcggctgng  gcgagcggtg  tcaactnact  420

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caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaaggcc	ngcaaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnccagga	ctattnanat	ccagcggttc	ccttggaact	tcctaggcgc	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4780

<211> 712

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (712)

<223> n = A,T,C or G

<400> 4780

cacaagctac	ttgttctttt	tgcaggatcc	catcgattcg	aattcgcggc	cgcggcgcca	60
atgcattggg	cccggtaccc	agcttttggt	cccttttagtg	agggttaatt	gcgcgcttgg	120
cgtaatcatg	gtcatagctg	tttctgtgt	gaaattgtta	tccgctcaca	attccacaca	180
acatacgagc	cgggagcata	aagtgtnaag	cctgggggtgc	ctaagtgtg	agctaactca	240
cattaattgc	gttgngctca	ctgnccgctt	tccagtcggg	aaacctgtcg	tgccagctgc	300
attaatgaat	cggncaacgc	gcggngagag	gcggtttgcg	tattgggcgc	tnttccgctt	360
tctcgctcac	tgactcantg	cncctcggtcg	ttcggtcng	gcgagcggtg	tcaactnact	420
caaaggcggg	aatacgggta	ttcacagaat	naggggggata	acgcaggaaa	gnacatgtna	480
ncaaaaaggcc	ngcaaaaaggc	cagnaaccct	gaaaaaggcc	cncgttgctg	gcgccatnna	540
catangcttc	gacccccctga	cagcatnaca	aaantcgacc	ttaagtcnga	ngtggcgaaa	600
cccgnccagga	ctattnanat	ccagcggttc	ccttggaact	tcctaggcgc	tttctgtnc	660
acctgcgtta	ccgatcctgt	ccgcttttnc	ttnggaaant	nngtttntat	at	712

<210> 4781

<211> 710

<212> DNA

<213> Homo sapiens

<400> 4781

atccagctct	tgtctttgca	ggatccctcg	attcgtgtgc	ctaagggaag	ggaatcagaa	60
ggtggagaga	cttgaagttg	cactcaagga	ggccaaagaa	agagtttcag	attttgaaaa	120
gaaaacaagt	aatcgttctg	agattgaaac	ccagacagag	gggagcacag	agaaagagaa	180
tgatgaagag	aaaggcccg	agactgttgg	aagcgaagt	gaagcactga	acctccaggt	240
gacatctctg	tttaaggagc	ttcaagaggc	tcatacaaaa	ctcagcgaag	ctgagcta	300
gaagaagaga	cttcaagaaa	agtgtcaggc	ccttgaaagg	aaaaattctg	caattccatc	360
agagttgaat	gaaaagcaag	agcttgttta	tactaataaa	aagtttagagc	tacaagtga	420
aagcatgcta	tcagaaatca	aaatggaaca	ggctaaaaca	gaggatgaaa	agtccaaatt	480
aactgtgcta	cagatgacac	acaacaagct	tcttcaagaa	cataataatg	cattgaaaac	540
aattgaggaa	ctaacaagaa	aagagtcaga	aaaagtggac	agggcagtg	tgaaggaaact	600
gagtgaaaaa	ctggaactgg	cagagaaggc	tctggcttcc	aaacagctgc	aaatggatga	660
aatgaagcaa	accattgcca	agcaggaaga	ggcctggaaa	ccatgaccat		710

<210> 4782

<211> 705

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(705)

<223> n = A,T,C or G

<400> 4782

tnttaggctc	ttgttctttt	gcaggatccc	togattcggt	tggtcagttg	caccttctgg	60
gtcactggta	gocgcgggag	cgggtgggg	cctaggcgat	gacccggcat	taaggagctg	120
ggatcatcct	ccgtctcagg	tggtttgggg	aaagtgtagg	ggcaacccaa	gatcatcggc	180
ttgactaggc	cctttgccct	gaacctcatg	aagaaatgat	aggaggcaga	catatgtgcc	240
taaaaagagc	gttgagctca	gagaagagca	actcggagtt	ttgggggtgt	gctttgattt	300
gtgtacatca	atggcagaat	catccagcga	atcagatcac	ttccgctgtc	gtgaccgatt	360
gagtcacatg	gctgccagat	caacgcacag	gggaactcga	agtcttccta	cagtagaagt	420
taccgagaag	gtcaacacta	taacaagtac	tttacaggat	accagtcgga	acctgcgaca	480
agtggaccag	atgcttggac	gatacccgag	aatacagtaa	tggacaggcg	gggtgccatag	540
aacatgtgag	aaactacatt	tgnttgcatt	tctnctaccc	accttttttg	ggaatgaatg	600
ttttggggaa	tggggctntn	accttaagga	aaaaaccnnt	gngnaatgct	ttaaaatttt	660
aaaactgatt	taatatttta	tagtttaagt	ttaggtanct	tgncn		705

<210> 4783

<211> 733

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(733)

<223> n = A,T,C or G

<400> 4783

tttgaatctg	tctctctttt	aaaccntnng	ctncttgatg	tttntgcgga	tccctcgatt	60
gcgaatnntg	cacgagatgg	tgtttnccct	ggaagctgag	aanaatgggg	ctttaatgga	120
acaaatngct	cangaagctg	tttgtnatgc	agnttattat	ggaaatggcc	aaaaactgta	180
atgtggatcc	aanagggtgt	tttcgtctat	ttttccagaa	ngccnaagca	gaggaagaag	240
gttatthtga	agcattcaaa	aatgaacttg	aagctttcaa	gtcaagagta	agactttatt	300
ctcaatcaca	aagttttcaa	cctatgacag	ttcagaatca	tgttccccc	tctggtgttg	360
gatctatagg	tttattagaa	tccttaccac	anaatccaga	ttatcttcag	tattctatca	420
gtacagctct	ctgcagctta	aactcgggtg	tacataaaga	agatgatgaa	cccaaaatga	480
tggacactgt	ataatttggg	taagactgct	gangccaagt	gctattttgn	tacaacgaaa	540
ggaagaactt	ggctattttn	tgacactttt	atgggtgctg	cactttattc	ttgngntnng	600
tttttgatgg	ggagggaaa	agnactgaaa	tgttttcgna	aatttttntt	tanngtgcen	660
gcttaggnnt	ncttggtntn	gactctggtg	tctngaataa	gangagntgn	tcccatatgt	720
ttngnnggna	anc					733

<210> 4784

<211> 709

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(709)

<223> n = A,T,C or G

<400> 4784

tnaatccagc	tcttggtctt	tatgccgatc	cctcgattcg	aattcggcac	gaggccaagt	60
atgcagtgtc	aatggctaga	agaatcggag	ccagagtgtg	tgctctccct	gaagaccttg	120
tggaaagtaa	gccaagatg	gtcatgactg	tgtttgcatt	tttgatgggc	aggggaatga	180


```

agagagtgtgta aaataaccaa tctgaataaaa acagccatgc tcccaggtgc atgattcgca 240
ggtcagctat ttccaggtga agtgcttatg gcttaaggaa ctcttgcca ttcaaaggac 300
ttttcatttt gattaacagg actagcttat catgagagcc ctcaggggaa agggtttaag 360
aaaaacaact cctctttccc atagtcagag ttgaatttgt caggcacgcc tgaaatgtgc 420
tcatagccaa aacattttac tctctctctc tagaatgctg cccttgacat tccccattgc 480
tgtatgttat ttcttgcctt gttatctttt gccctcttag aatgtccctc tcttgggaact 540
tgcttagatg atgggatatg aatattatta gacagtaatt ttgctttcca tccagtatgc 600
tagttcttat tcgagaacta tggtcagagc gtatttggat atgagtatcc tttgcttate 660
ttttagtagtac tgaaaatttg cccgaagtaa ctggctgtgc agaattgtat 709

```

<210> 4785

<211> 831

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(831)

<223> n = A,T,C or G

<400> 4785

```

gnnngntgnc cggncnttta tacaatacag gctacttgtt ctttttgcag ggateccatc 60
gattcgctga cctcctctc agagaaagca ctggccaacc agttcctggc ccctggccgt 120
gtgccaacca cagccagaga gcgagtggcc gccacacaga cggtgcatnt gcantcacnn 180
gcgcggtaca ccagcgagat gcggagtggc ctactangca cggactctgc aatgtgagtc 240
accatgaaca caacatgact tgagggccaa ctgactaang acaagacatg tattcttgc 300
gccccagggc cttcatgcca tggactccnt gcnntgantn naacangagc atcaccaaac 360
tacnctgna nnaataccan gactnatgat aatggncctg anangaanca aagctctgna 420
cantggctna tacnttgtna tttncgtagc tgaagcatgn ggntcacctn nntcangan 480
tttgnggacc aacntnncna actntnactn taacncatgn cttttctaaa nnttnaaant 540
tttaatnncg nntncaacnt tcncaatntc tggnttccc nanntgctnn gnnaggnaat 600
ctnnctntga ntaaaantnt ttnanacnca anaaagntgn agggtttcaa nntaagcttn 660
aanantant ncaaattnat actttntttt gngntnnnta ntagnnnnnn tnanaacnnn 720
tntntttctt antnatatta tnatagnta atataanntt atantnatan ncnatnnann 780
naacgtctan anntttttat ntcnntaaan atttcttttn naaggntntc n 831

```

<210> 4786

<211> 793

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(793)

<223> n = A,T,C or G

<400> 4786

```

tttnnnngnt ttannncatt ttgctactng ttctttttgc aggatcccat cgattcggaa 60
ttatagtatt gacgtgaatc ccactgtggg atagattcca taatatgctt gaattattatg 120
atatagccat ttaataacat tgatttcatt ctgtttaatg aatttggaat tatgcactga 180
aagaaatgta aaacatttag aatagctcgt gttatggaaa aaagtgcact gaatttatta 240
nacaaactta cgaatgctta acttntttac acagcatagg tgaaatcata tttgggctat 300
tgtatactat gaacaatttg taaatgtctt aatttgatgt aaataactct gaaacaagag 360
aaaagggttt taacttanag tagccctaaa atatggatgt gcttatataa tcgcttagtt 420
ttggaactgt atctgagtaa cagaggacag ctgtttttta accctcttct gcaagtttgt 480
tgacctacat gggctaatat ggatactaaa aatactacat tgatctaaga agaaactagc 540

```

```

cttgtggagt atatagatgc ttttcattat acacacaaaa atccctgagg gacattttga      600
ggcatgaata taaaacattt ttatttcagt aacttttccc cctgtgtaaa gttactatgg      660
tttgggggta caacttcatt ctatagaata ttaagtggga agtgggtgaa ttctactttt      720
tatggttggg gtggaccaat ggctatcaag agtgacaaat naagggttaan ggatgattcc      780
caaaaaaaaa aaa                                     793

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<210> 4787
<211> 750
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(750)
<223> n = A,T,C or G

```

```

<400> 4787
naatngcnag gctentgctc tntgngcagg ancccatcga tncgaattcg gcacggagggt      60
tatgagtggg catngtgaaa atttggntga atacagcaan gtagcaagaa aatnnncngnc      120
ntatntacta canttaacct ntatnaactg nnnngncata tgacatccaa atgttntatn      180
atnacctggg aaanttanta tagtntanga tactaaaaca gtatgnntac aaaagtgaac      240
tnnctgtgca nntntcacag gntttattca tgtgacacta tatantgcct anngtcacnt      300
ntcanccang ttentctnna gtgnaantnn ntenagngca tctngcacag atgctnnatt      360
gactanagaa tgaatncnnt gggcgnnnat acntgggcta actgcngnna tngatcatc      420
tananngcac tnatgnanat anccccatan angccggaca gacggtanac atacnnanng      480
angnccaga tncctttann atgnatnatt gagatttnac cagtctcatg tgcccccgct      540
tntgtgttnn nctnanacan gcngattnac nctgntctag ncatcttgnc tnnatcgnga      600
aataatggct cctgcctcca tnataatgtt taggagngaa atgnaannan ttcgcgtggg      660
cntgctngag tgcnaaagge ctttacnngt tgngancnaa ntnggggnagc nagttntcnc      720
cnnatngtac gctccccctna ncaatntccg                                     750

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```

<210> 4788
<211> 716
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(716)
<223> n = A,T,C or G

```

```

<400> 4788
tgnnnttttg nttcnaatgc nngctcttgt tcttttttgc ggatcccatc gattcgcgca      60
aacttttcan tctctctaaa gaagatgatg tccgccagta tgttgtaaga aagcccttaa      120
ataaagaagg taagaaacct aggaccaaag cacccaagat tcagcgtctt gttactccac      180
gtgtcctgca gcacaaacgg cggcgattgt ctctgaagaa gcagcgtacc aagaaaaata      240
aagaagaggc tgcagaatat gctaaacttt tggccaagag aatgaaggag gctaaggaga      300
agcgccagga acaaattgcg aagagacgca gactttctct tctgcgagct tctacttcta      360
agtctgaatc cagtcagaaa taagattttt tgagtaacaa ataaataaga tcagactctg      420
aaaaaaaaaa aaaaaagcct ctagaactat agtgagtctg attacgtaga tccagacatg      480
ataagataca ttgatgagtt tggacaaacc acaactagaa tgcagtgaaa aaaatgcttt      540
atttgtgaaa tttgtgatgc tattgcttta tttgtaacca ttataagctg caataaacia      600
gttaacaaca acaattgcat tcattttatg tttcangttc anggggagggt gtgggaggtt      660
ttttaattcg nggcccgcgc ccaatgcatt gggcccggac ccacttttgg tccntt      716

```

```

<210> 4789

```

<211> 792
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (792)
 <223> n = A,T,C or G

<400> 4789
 gnnnnnnnnnn ttttnaacgc tngctacttg ttcttttttgc aggatcccat cgattcgaat 60
 tcggcacgag gagagcttgg gatgtggtaa tgccagccac actcctcaga gccgtggcca 120
 gatctcatca tatattatca aaagcacatc agtgccgaag aatcgggtcat ctaatgttaa 180
 aaccacttaa ggaattttgaa aatacaacat gcagcacact gacaatacgt caaagcttgg 240
 atttgttctt tcttgataaa acagctagtgt gtttgaataa gtctcagatc ctggaaatga 300
 accaaaaaaa gtcagataacc agcatgctgt ctcattataa tgctgctcgt tgccaagatg 360
 aaaaggcaca ccttccaacc atgaaatcct ttggtactca caggagagtgt acccaciaaac 420
 caaatctgtt gggttctaaa tggtttataa aaatattaaa gaggcatttc tcatctgtat 480
 caacggaaaac atttgttcca aaacaagact tcccacaggt gaagagacca ctaaaagcat 540
 ccaggaccag acagccatcc aggaccaacc ttccagttct gtctgtgaac gaggacctaa 600
 tgcaactgcac agcattttgca acggcagatg agtatcatct gggaaatctg tctcaagatc 660
 tggccttcca cggatatgtt gaagtaacaa gcttgccctag agatgcagca aatatttttgg 720
 tgatgggtgt ggaaaattct gcaaaaagaag gtgatcctgg aacaatatc ttcttcaggg 780
 aaggagctgc tg 792

<210> 4790
 <211> 829
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (829)
 <223> n = A,T,C or G

<400> 4790
 ggtggngggg ngtanttcta atgctgggnet ctngtctnn nncanganca cncnncggga 60
 atnctcanna nncaccttc nagnccctn tnggagttct gatcanggna ttacactctt 120
 ttnatggggg cctgcctgta agtgtagaca tgcacactca gctgacctta ctgntcaaaa 180
 gctggagaaa aagaaacagc tttcatacag tgcaaaactgt ctacgtctat gtaaaagaat 240
 ttgagaaaca tggcagtagc cattgctaataa taatctgggt atgtgtaaat agtttaactt 300
 gatttttgac tctggngttc ggatctatct taagatcgat ggagttaatt gcttcatgac 360
 agttcttatg aaacatgctt cnntatntcc ttgtgccaan gtntcgntta cagatnttnc 420
 naaangaatt nactctgcna aatactgnaa tgacnnntcn ngtgngacnt gttaggcgna 480
 acgatanatt tngagntnt ntcccttttg tatngatttg gnnttangat gcanganncn 540
 nattttcanc cnagngtggn catnaancct gacganaccn ctantntttt ttaannccctg 600
 tattaancac ctagantgcc ccggngnccn aaataactna ngncacacnt cntntaaaga 660
 acttctgnna aanntagttt agnccntccn ggccnntaaa ntggggngat gnannaaaag 720
 ncngaaaacc nntgtancca cccntantg gngcnnctnn nnctattnnn tcnnnccgnt 780
 nnctccntac atatcttnc ctnaaatnct ttgggcntca acnaatccg 829

<210> 4791
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 4791
 nggnngtttna tcnncntgnc agctcttggt ntttttgag gatcccatcg attcgaattc 60
 ggcacgagct cagtaacca attactagtn ccttttgaag agaccaggct gggaattggt 120
 agtaataata atagctgaca tttaccagg gctaccaca tgccaagcat catgctaata 180
 ttgccaggct cttctgagtc antgtgaatg gcangagcac cacatgttcc tttntcttca 240
 gttcacacac attgagtgtc ttcattgtga agtaacaaca gagactgagg gcatatgtat 300
 tngntaaaaa aaaattttgt tactgggaaa atagccatta ctgggaaata gctttgttac 360
 agaaagtcct tcatgtggct gggcacagt gctcacgcct ggaatcccag cactttggga 420
 ggccaagggt ggtgggtcac ctgaagtcan gactacaaga ccagcctggc caacgtggtg 480
 aaactccgtc tctactaaaa atacaaaaaa attagctggg cttggtggca tacacctgtg 540
 atcccatcta ctccgggagc tgaggaggga gaattgcttg aaccggggan gcngacgttg 600
 tagtgcgcca aaattgtgcc cttgcattnc agcctaggcn ngagagttag actccgtctc 660
 aaaaaaaaaa aaaagggtgat ttaattaaaa ccagatgaac ccttncatga tcacgtgcta 720
 tgaattaaaa caanatttnna aaaact 747

<210> 4792
 <211> 860
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(860)
 <223> n = A,T,C or G

<400> 4792
 ctncctntnt tntnnnattt ttnantnttt tanatnantn tntttanttt ggtgtngntc 60
 nttntttctan cctacacnct cttctcttat ctanancncg gggnttnnca aaaatntggc 120
 tcttctatnn tntcngnctc ntctatnata caccantgg cgaatccaca tncaggggggt 180
 ctncacccaaa gttccaacct ccaaagtga ngactccgtg gaacagcaag ggnagggtgaa 240
 gaantaataa aagagaaaaga aangaanaac ngcanaanaa aangaaaana gaaaagaaag 300
 aactaaagtt agaaaaccac caggaaaact caaggaaatca naancctaen aagcgcaaaa 360
 agggacagga ngctnacctt gaggtctggtg gggaggaaagt ccctgangcc aatggctctg 420
 cagggaanag gagcnnaga aagaancatc tcaaggacag cgccagtgat tgaanangca 480
 cncntnggcg canggaatag gaancngan gcactnggaa tttgaaacac attctannaa 540
 gaaaaagatg aanctcccaa nancatnctg anggccngga accanangac natgantgct 600
 tcttgcaaaa ggttaattca actggtaatg gaactatttn aaagcaaatt ctgaaaccan 660
 gncccccaga caatgnaaat naccattcna taaagcctna ggnaaaaaat gttttatgct 720
 ccantttctta ccacaanngt acatnattga gccatnnacc atattcccna atgatggaaa 780
 cttccctang tncattcntt ttaacnaaga aaattcaatc cnannaaccc cttaaccttt 840
 naannttatt tanaaggnnn 860

<210> 4793
 <211> 1222
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1222)
 <223> n = A,T,C or G

<400> 4793

```

gnnnttttttn cccctaaaaa atggggccctt ggggggttttt cccttaaaaa ttggncctttt    60
ggggggttttc cnnaaaaatnn nccttttgggn tntaannacc gngnccgttt tttegnngna    120
naannngatn ntctnntnchn nctnnnnnnnn annnancnnn nnnntncannt ctatnnccnn    180
nnnnnannann tatcnnnnna ctctnntcaa ttcnnnnnnnn actnnnnntat nnnnatnnan    240
cnnnttgnnn annnnntnt catentcnch nantnnchct atnnchnnnat ctannctct    300
cntnnnnata nacctgncat aanactnnnn nncatagtcn ctnnacanct tnttatanch    360
ctnatacacr atctnttcta antctantnn atnatanch tccatcatna ttnntactt    420
ncanaceccn ctnnccctac nctnannchnt cactcccnnn cnnatctntc tctnctatnn    480
natcantntn nnnccancca ctnnnacnnn ntactantct accnnncttn natctcnatn    540
natcatancc atnctcnc nccacnnttc ncctnttaac nnnntntatnt caatanaatn    600
nnetnanchna ttactcnnn tcnctcttc attttnttta tctnctcatt aannnnnnct    660
ccnnctcan ntnnccntnt nntactcnnn natcccntaa ntncctcnca atcactca    720
tctctccat anatactcan atcctatacn nactatcanc tanntcttcn antatatnt    780
tcattnttac natccctctc tccntcannt ntnaanacnn cnaantacnc ttanacttat    840
ntntanatac antcnnntnn ncncaatntc anatnttcta tcatnctnt aannatcctn    900
nntntnnnta taatcctanc nanccacann nntccnnta tntnnnnaca catntatacn    960
cnaactnannt tctcnnctct natnacatan cccacnctnt ncatacanc ntncatntc    1020
ntnnntnta ttnttcant antaacatan tnanantcgt actnnnnann cancactncc    1080
ctcttatat tcatnatct ntacatacca tctannnnann nacnnttcac nnatnctct    1140
ncttnaatta canncacnt cnntcatann tcgnntatat atcactctnt ncnanacca    1200
ctntntctnt nntctcnc cg    1222

```

<210> 4794

<211> 1068

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1068)

<223> n = A,T,C or G

<400> 4794

```

ggngccctttt aaaatacccn gnttnnanac gcntngttac acncnctagc ttaaaagggg    60
gnggaaccct atggntgcat tgactgtggc aaggcccttna gccnagaagt tttgccttgt    120
agcacatcag ggtatatcat acagggaaaag actnccttng tatgtccnga angngggcaa    180
ccctgntcac agaagtcagg actcattaga catcangaaa atncactcag gagagaaacc    240
ctatnaatgc anngactgtg ggaaagcctt ncttncaaag acaangctca ntgtcannac    300
agaacnnaca cgggagagag accctatgnc tgngatgagt gtgagaaagc tnncttctat    360
atgtcntgcc nttgttaaac atnagcagaa tacactcann ggaagaaacn cnggnggatt    420
cannngaang nggaaatntc ctgaccacan ncanggtncn tntcnnnnag ttcctaanta    480
gaacaatggn gcnannngng tanaaaggcc cctgntagna natannntna anaccttggg    540
nggcnnnnat ggatnnggnc nngtggggtn aatactgatg tgnatntctc nggntnancg    600
accantatnt tngcatntnt tcctattggn agnaatacct actntntaat ntcnnnatnt    660
nctgcgggan ntannntnt ttagcatctn ctatccataa nnnncnaaat ngatcatcat    720
atntcnatg nntcatctn gtctnacact nttgggtngc catctgctnn agacatnnna    780
ctntaanctn taaattnatc gctnantann acccanngtg ntnaccagcn gtnacnnch    840
gctnctcngt nngtatant ntcacnatca tantcantga atntanngan acngcatct    900
tntnannctg cctcnnactc tatcanaatn aagtnncncg aggnactcan antnactntc    960
nnntnttten canaatgtat catnnnctcn nnanantatt ttgantgcan atcatngnan    1020
acntatgaan ccnaatcatg tntattnchn nngcnttact tntnancg    1068

```

<210> 4795

<211> 816

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(816)

<223> n = A,T,C or G

<400> 4795

tttctaaatn	gcttggtttt	cnaaatccct	tggttgacgc	cctcgccctaa	nntggcgtgn	60
nantgcccnc	gattcgctgn	caagtctgga	antcatattg	gagcctgngt	ngactgaaaa	120
ctcagcanga	gttgatgtta	aagtcttggg	tctgaaattn	gtngggcagg	agattaggct	180
ggaaactcag	gcagaatttc	tgtgttacaa	tcttgaggca	taattcttct	ccaaaaaaat	240
ctccattttt	ttctcttaaa	gccttggtatg	agccttggtat	gattggatga	ggactaccca	300
cattatctag	ggtaatctcc	tttgcttaaa	gtaaactcac	tgtgttaatc	acatcaacaa	360
aataccttca	cagctacatg	tagtgtttga	ccaaacaact	aggcaccata	gcctagccac	420
ataaaaattac	tatcattata	ctttgtctta	tcacatactt	ctaccttgga	agggatattt	480
cccagttggt	atagctacaa	aacagaggca	gatcatttag	cctgcattng	attngtantg	540
aaaaataagc	ctttggtgng	tttaaccact	gaaaatgttt	gcggcctatt	agtantngca	600
caacttatcc	tatnctggcc	aaacatagaa	tgctttcggt	ttgcaaggta	acangatccc	660
ctttacagnt	gtacnaaaaa	tnancnntaa	aaaaactnga	gccctntaga	acntnntagt	720
ggagtcggan	ttaacgttng	ancccagacc	ntggattang	gatncattgg	atggagtttg	780
gacataccac	cancttgga	tggnantga	aaaaaa			816

<210> 4796

<211> 1094

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1094)

<223> n = A,T,C or G

<400> 4796

cnnncaaana	cnnnnnnnaa	nnnanaacaa	cgggggcgnc	ncnanttcaa	anctggnaaa	60
cnnntccnnc	acagncnacg	aacgaaaangg	cacnagcnng	cnaggaaacc	gccncngcnc	120
agcaaccgaa	ggccaggnaa	ttttnaanat	cggngnggga	ggacagnggg	ggncaatatg	180
ggcgggantn	nncttcaaac	angnaaacn	tnccnngngg	cggggganac	cncggncacc	240
atggannaan	tncnacaana	ccgnggggaa	gacnggntat	gcaggcnccg	ccataaaancc	300
ccccctacta	aggcnncang	gancaccaac	agntggnggc	cancaaaagc	ntntaanaac	360
aanacctnac	aanntcnca	ncnntttngc	ntatcccacc	acnggganac	angncaacgg	420
tggaacnctn	aacaannaaa	atnngaaaaa	caaactctcc	caanaatngg	ggggngaacc	480
anngnnangn	nanctnnaac	canaccgtcn	tgnaacnngc	nccaatacaa	ngggngnngn	540
gnngncanaa	cangcnngn	accngcacgn	aaggnggngg	gcngngnatca	cancaaacag	600
acaatatcca	cggcgnaacc	cnnncaacn	ntnaacggga	cccngagtag	acacangcac	660
gaangcccnn	ccngnccac	nccctgnaa	ncgagaaaac	naangccngg	atacaaaaaa	720
ccccnaacca	gccggncntn	ncccccaac	nngannaaag	naacanaccn	cacannngcc	780
nnngacaaan	cncnacaana	nngggnaaac	aaacnctatg	gganatcccc	ctanggnang	840
cngacccgnn	aaacgganna	ncacaancta	aacaancngt	ncacgccaaa	aaaaacngcc	900
caaggcccca	tcacngaang	gaaaacncna	nacggnnann	anagnncn	taannaaann	960
ccnncnng	nncaatcncc	cattcgaaaa	ncnncnctn	ccgcnaannn	ggaanacnnt	1020
caaaaccccc	cganncgac	ntatncagn	aacannaaan	ntgggtgnac	cnncccnnc	1080
ctaananate	nncc					1094

<210> 4797

<211> 930

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(930)
 <223> n = A,T,C or G

<400> 4797
 ttttgctaac cgctgggcta ctcgntctct nngcaggatc ccatcgattc gaattcggca 60
 cgaggtggag agcgcccagt ttccagagta tgatgacctc tactgcaagt actgctttgt 120
 gtacggccag gactgggccc ccacagcggg tctggaggag gggatctcac agatcacatc 180
 caagagccaa gatgtgcggc aagcactggg gtggaacttc cccattgatg tcacctttaa 240
 aagcaccaac ccctacgggt ggccacagat cgtgctcagc gtgtatggac cagatgtgtt 300
 cgggaacgat gtggttcgag gctatggggc cgtgcacgtg cccttctcac ctggccggca 360
 caaaaggacc atccccatgt ttgtccana atctacgtct aaactgcaga agtttacaag 420
 ctggttcgat gggcggnngc ccgagtacac agacccaag gtggtggctc anggtgaagg 480
 cccgnaang gtgtgtttgn ggccaaccn acnccaatag ctggngggca acacagaata 540
 gntnctgtat aataatagtc tcattttcan agaaanant tnntattccn ctcttnnttc 600
 ctaatcnena ntnttatta ntntntaccn tcnnnnnncc nctcatttn cncnttttca 660
 ttttatcntt atcttatnnn nntcnancct actmntatta ctctnnccct nnantctcta 720
 tncctacnac cttntaatac ctntctantc tanacttcnc nctctntacc ntctctctca 780
 tntctntnct actctctccc tctctctcnc tccatattat tcttctctnn nantctntct 840
 tntntctnct tattancntn cctntctntn tctactatat catcatntnc tntcnancnt 900
 anntntctat ctctacnta ctcanacaac 930

<210> 4798
 <211> 801
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(801)
 <223> n = A,T,C or G

<400> 4798
 aaaaagncag gcnacntgna gacanaagan cccanngaag aancncagga aaagcccacn 60
 ccgaaggggn anacggacga gccnaggcaa aggnccannaa gaacagngat ttacanacga 120
 tntgcccnga ancncrnnngg gngaaaancag nggcngggcc accagnaaag aaacnagnc 180
 gcccaggncn nngangnana cnanaaacgn aaganganga gnnagggggg aancangaca 240
 ggagaggcaa aannaaaagn nanananagn ggcnagncgg acngaagaaa naaacaaggg 300
 gngaagnaca ngaacnaaga aanagcaaag anaacnnaaa gngaacaann ccagcgccna 360
 gcannanccn aggangcaca naaaacagca ccaagaagac ngnannagca ngagagnnga 420
 agaganggcg cncacgggga cacacnaggc aaacgcgana agcagnacng gncnaggngn 480
 cggaagnan aagagacnca aggggangag agcanaaggg aacgggnngc aggaagaaga 540
 caangnaach caggaacgaa aaagggannc agaaagccgg agaanaacac ggngaganag 600
 naccaaaggc naanaaggng acaangggca agagacanan accangnngg acnnaagang 660
 cnacannagg naaaacanna gangaaanag gggaacanga angnaaaagn gaaannnggg 720
 ggaaaaganc aaacnaaaca gaaaacgggn nnggaaaaan nacaannгаа naacangngg 780
 ncaannngaa nnaaagggga n 801

<210> 4799
 <211> 813
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (813)
 <223> n = A,T,C or G

<400> 4799

gnnnttttna annncgttgg tttcnatgta ncattttacna gntcttttttg caggatccca	60
tcgategcag gtccacagcc gaggtcganc ancggcacag cgaggtcggc agcggencag	120
cgaggtcggc agttggcaca gcgaggtcgg cagcggcagc gaaggtcggc agcggencan	180
cgaggtcggc aancggcagc naaggtcggc agcgggcccc cgctgtgctc ttccgcggac	240
tctgaatcat ggcnaccac nggccacgat ggcgacctcg gctcggcgcg aaagcggctg	300
ctcaaaanag gaagacatga ctaaaagtgg aattcgagac cagctaagaa gtggatgtga	360
ccccacgtt cgacaccatg ggcttgcggg aggacctgct gcnggcatct acgcttacgg	420
ttttgaaaaa ccatcagcaa tccagcaacg agcaatcaag cagatcatca aanggagaga	480
tgatcatgca cagtctcagt ccggccagga aaaacagcca ccttcagtat ctcagtcctn	540
cantgtttgg gatattcaag ttctgtgaaac tcaagctttg atcttggctc cacaagaaan	600
ttggctgtgc cagatncata aggggcttct tgcttntcgg tgactacatg aatgtccant	660
gccatgcctg cattggangg acccaatttt tggccaagga catcanggaa cctgggttta	720
cggacaacat gtttttcnccg gcacttccaa ggccgtgttt ttganatnat ccttncaaaa	780
aaccctaang gacacctgct nttnaaaaat ttg	813

<210> 4800
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (776)
 <223> n = A,T,C or G

<400> 4800

ttnaatnctt ggcttttcan aatngctgga ngactngtte tttntgnang accgcacgag	60
cacgaatncc gcacgaggtc actntgnaac ccagactggg agtgcancgg tgtggncata	120
gggnnctgng cctggnanng tntgntcgag ntgtnatcnc nantttgntt ttgggtctgt	180
agcttaanna tgcngannna ngatgcnnnn anngttntg tnaganatgg ggtntancna	240
gtttnnncna ncngnnttca attncatggg ctcaantgaa ccnctgcnnt ggncnctna	300
ntatnnggga ctncnagaca tngnannanna gtncgtgtgg canatctcaa tattanaggt	360
aatatgnnat agtgatatch atgacngtac catttgnttc aaaatgtgaa aganataccg	420
ctgaagttaa tatgtncnct cttccaantc nagccgccat ntcnntcnac tcnngnanta	480
tgctgactca naatgaatga tngacatttn ngntantnnc gcatectatc nagtgcattt	540
atnnctanan atntcnataa ttncnctngc cctnnancct acanncntng tcgnatgtnt	600
atcenncttn ntggancttt gaaannttcg atagggggaa cntgatnagn gcagtntnac	660
anaatgnttg cnantntna ntcggaaana tcnaattngg gnagctgnta aacancnngg	720
gentaccttt ntaatgtncn ngggtntnta antcaaccng gntncngaaa aanaac	776

<210> 4801
 <211> 720
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (720)
 <223> n = A,T,C or G

<400> 4801

tnnnnnntttt	naantcaatn	ctggctctcg	ttctttntgc	aggatccctc	gattcgaatt	60
cggcacgaga	tggcagttgc	ttttgaagta	tatgatgact	tcctccacta	caaaaagggg	120
atctaccacc	acactggtct	aagagaccct	ttcaaccctt	ttgagctgac	taatcatgct	180
gttctgcttg	tgggctatgg	cactgactca	gcctctggga	tggattactg	gattgttaaa	240
aacagctggg	gcaccggctg	gggtgagaat	ggctacttcc	ggatccgcag	aggaactgat	300
gagtgtgcaa	ttgagagcat	agcagtggca	gccacaccaa	ttcctaaatt	gtagggtatg	360
ccttccagta	tttcataatg	atctgcatca	gttgtaaagg	ggaattggta	tattcacaga	420
ctgtagactt	tcagcagcaa	tctcagaagc	ttacaaatag	atttccatga	agatatttgt	480
cttcagaatt	aaaactgccc	ttaattttta	tatacctttc	aatcggccac	tggccatttt	540
tttctaagta	ttcaattaag	tgggaatttt	ctggaagatg	gtcagctatg	aagtaataga	600
gtttgcttaa	tcattttgta	ttcaaacatg	ctatatTTTT	taaaatcaat	gtgaaaacat	660
agacttatTT	ttaaaattgt	ccaatcacia	gaaaataatg	gcaataatta	tcaaaacttt	720

<210> 4802

<211> 1117

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1117)

<223> n = A,T,C or G

<400> 4802

atnncnnnnn	nancncatnt	nctantcctn	acnantnnnc	ttncnctnnn	nnntntnctn	60
ananttggna	tnntagngna	ttcnaatncc	cagctntngn	ncnttttgca	ggatcccatc	120
gattcgaatn	nggcacgagg	aggaattcag	ctatcagctc	tcttcatgag	tggagtagac	180
atggccttgt	ttgcaaata	ngnntgcnga	caaaccaatc	ccctgggaac	actgttgctc	240
ttggatgtat	tttgatggga	agctcttcca	atccaaactc	ctcaaagcca	gccgggaaaa	300
gacccactc	attgacctct	gtgatgggtc	agctgatcag	gtgccaagg	tagagaagat	360
gcnccatanc	gtcctcnaaa	gggctcagct	tctncaggca	nagccacann	cttncctttt	420
ccgncgtcac	ctgcnctgct	cttttaccct	tgtctntgnn	taccccentn	nactttttan	480
ncnnntncc	aacccctntt	aatggcncnn	ngncantaat	gctnttttca	ttncnnttct	540
nttngnncct	nttctectan	gncccccctc	attatngcgn	naaanncacn	gactatnttn	600
ntctnatggg	cntcccttta	accnccnctg	nncacactnc	tcnntcntan	tntnmatntn	660
tctncnatnn	tanncnnctc	aatatcntcn	ccatcacnnt	atctatcctc	nngtncctnt	720
ctnnctnant	tnnnatcana	ttttctatTT	nncnactcat	ntctctacna	tcntantnta	780
tnnnatcaa	tctcananta	nactantatn	tcantntnct	acannatata	atatnctctt	840
ttnatntntn	tnntnatcat	ntanatnatc	tntcntnnat	anctacatct	ctctntctnn	900
ncatntcatn	tagatacann	tanatntagn	taattatann	ncttnttctt	anttnnnnnn	960
nttncntnt	catnctctn	nnnecgtann	ctctccnntc	attcnattca	tacttcnnat	1020
tgatnatnca	ntannccatc	ataatntcac	ntccctcata	ncttnttctn	caanntatnn	1080
anattctcna	tatttctnta	tctatananc	nttgccn			1117

<210> 4803

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4803

```

ttcaaatngn aggetctngt tctttttgca ggatcccatc gattcgggnag antcccatnt 60
ctnnctgctg acgagggacc tgcctttggtg agtncgggaa ggcccagggg gtngnggcat 120
gonggetnct nattcaactat ggggnnttcgc cntggacacg tantcaantg cgcattgctgc 180
tgcceatgtn tncctgcccc acttcaccca nttgggggct gctcaagggg ngnnnggcnt 240
cngtggetgg agggcagtat ttanacaagg ctctgtacat gacacncaac tgtgctnana 300
gtnccttcnc tcnactaca ccnatgnttt nacagtnccc tnnngnnnnn tcntnttact 360
acagtgcnan aaccenaatg ancntttntt tectgctnna tgcnnnnnnn antnnnnngac 420
ntntngttaa tgttaacnaa gtgtgtacac tttaaancca catattgtat ggtntectgt 480
annatnangt gcngaacat gnacatttcg atanccanag attagattan nggtnttcat 540
anggetgggg gaannngcat ancttagtga ttggtaatga tntgggattt ntttgggaa 600
tgaatgaaaa tattctaaaa ttngttgggn nnttatecna attctacgaa atattnttaa 660
aaaaccacn tgaatttgnc tactttaagn agagtgaat ttatgtctt tgttctcna 720
attaagcttg ngnaaaaaga tcgtaaaanc nngatnnnaa nttctctna nntngnnctn 780
t 781

```

<210> 4804

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (753)

<223> n = A,T,C or G

<400> 4804

```

aagctcttgt tctttttgca ggatcccatc gattcgaatt cggcacgaga aggetgagac 60
anganaatgn cntnaatngn ngaggcagag cttgcagtcn ntccgagatc acnccactgn 120
actncaaccn gngagacana ntnggactcc ntctnatacn atngnaaccc taaaatatgg 180
gntttntgca cattccagat ctcaanancn tgattctaan tgaaagatgg caatatncca 240
tcagaccagg tnttntctag ntccntntta cgaaatgtcc acaaattggc ggatcttcag 300
antcctagtn actgctantg ntncnaggaa tntttntnng gngactanna tgnctaaan 360
ctnantggag gtgatggtnn aacnantngg tcactncact aagaatcatt nnatngnnac 420
tctatntggg canatantat ngcnaatgta ccttaatnan atcatgcttn aangtcaatt 480
aatccactca tgaanttnan cctctananc tnnagtgan ngtattacgn ncatnccnac 540
ttgntnagat ccttggatga ntatcgact aaccntnat cttatgcagn ntacaaaaat 600
gccttttnna gggnaaatnt gcgatgctat ntgenttate cntaaccatt tgtacnntcc 660
catttaacag ggttacnnc catccaattg gcaatngatt ttatggnttc ntggtttnen 720
gggggttngat ttnggaangt ttnnttantt tcc 753

```

<210> 4805

<211> 740

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (740)

<223> n = A,T,C or G

<400> 4805

```

agggnnnnnt tttnagatac agctacttgt tctttttgca ggatcccatc gattcgaatt 60
cggcacgagg tttgatcatn ggncaaggtn ctggngagaa ctgcctntgn ggntagctga 120
ttngggggtc cttcatatga acganctgtn tggagcactc acaggactca cccgggtacn 180
aagattccaa cangatgatg ctncatatt ctgtgccatg gancagattg aagatgaaat 240
aaaagggttn tnggattttn tacntacggn tatagcgtat tnggatnttc ttttaaaacta 300

```

aacctttnta	ctcncccgga	aaaatttcctt	ggagatatng	aagnatggga	tcaagctgag	360
aaacaacttg	aaaacagtct	gaatgaattn	ggtgaaaagt	ggganttaaa	ctctggagat	420
gganctttct	atggcccaaa	gattgacata	canattaaaag	atgcaattgg	gcggnaccac	480
cagtgtgcaa	ccatccagct	ggatttccag	tngcccata	natttaatct	tacttatgta	540
agccatgatg	gtgatgatna	gaaaaggcca	gtgattgttc	attgagccat	cttgggatca	600
gtggnaagaa	tgattgctat	gctnacanga	aaactattgg	nggcaaattg	gccttttngc	660
tgtccctttg	ncaggtaatg	gtagtccag	tnggacccaa	ctgtgatgaa	tttcccaaaa	720
ngacnacacc	attncacgat					740

<210> 4806

<211> 824

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(824)

<223> n = A,T,C or G

<400> 4806

gncnctttca	acttcgcccc	ttttnaaacc	cgttggttcaa	atcctcgttt	caancccntc	60
tgcaggatcc	catcgattcg	aancngcacg	agggggnnnn	ncgtggcna	ttgcgngcag	120
tacccttcna	gcnengngna	aagtgcagnc	anncgtaaca	catgcggcan	acngcannga	180
gcanaatgnt	aatgnccact	tcttgantca	tnccagaact	cccttaagcc	cacaagtttg	240
tnnnngngna	ggtcaantct	aggaacncng	ccgngnaacn	ggtntctcaa	tnnagncatc	300
cttanttnct	gcatanacan	gagngttctt	aaaacnnctc	cngtaaagca	agncatntct	360
ganntncctg	aggatcattg	ctcccgnata	cngntgntgg	ggtgagcctt	caggngagang	420
ggaacagaa	nnngtactag	ggtcganagt	caananacta	aggcncttna	ncaacatctc	480
agagcanann	atttgnggag	cccntggaac	gntactgggn	aatttantca	gtgngcattt	540
ntnaagactg	ggncacgggn	tggantnatc	tnttggcgan	gggnncntag	ngcctcanca	600
caacactgng	cnagcccngg	acttagnaaa	cccttgcana	aactggnnna	annggcctnt	660
taaaantncc	ccanangtnn	accccnnaag	aagcncggna	agcccnnaaa	ctnccaaacc	720
aaccnctntc	tttctctnnc	naantnnaca	ncntgggggt	ntgcnttggt	nnnaaatngn	780
nccnanaant	gcaccagntc	nacnntagtc	nnnggggnacg	gnnc		824

<210> 4807

<211> 745

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(745)

<223> n = A,T,C or G

<400> 4807

tntagataca	gctcttggtc	tttttgacag	atccctcgat	tcgaattcgg	cacgagattc	60
ctttcatggg	acagtattta	ccccaaagtc	tgattaaata	tctgtttata	tatttcttta	120
ttggattatt	tgtttatttt	tctctctcta	gactgcaagc	tccttgagca	gaccatgttt	180
attttgccta	ccacaggtgc	tcaataaata	tttttgacta	tttattacat	gagaagggtt	240
ccatgcaaac	acccattgaa	tacgattgaa	cttgaaccct	aagagatggg	ctgtgacctt	300
tgttgccctc	aaactaatca	aaggggagtg	atattcacca	tccagaatct	agaataactt	360
anaccttggt	ggccaggagc	tagctaccca	tatgataata	caagagctct	cagagaaatc	420
atggaagttt	tgagcaatct	ctctctccct	ttgctaattt	acttttcaaa	actgaagtat	480
aatgggaata	acttccccac	ctctcaaatg	tcagcatgct	ctgaaaattc	atgttctctc	540
aggcgagccg	attcatgttt	tccattccac	cctcttctac	tgggctctct	atgccctttc	600

tacagtctcg	ntntnttttac	cctggggccct	tttncctttg	gggctcttga	ttgaaaaaat	660
tgctgaactg	tagctttngg	aagtttaanc	ttttgagaac	ccgtagantg	atctcagttc	720
ttaggaaaaa	taaaancccg	ttggn				745

<210> 4808
 <211> 713
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(713)
 <223> n = A,T,C or G

<400> 4808	
tnnnncttna	aatnganagc
acaatctggg	gctgtgttgc
aacgtgccct	ttcttttggt
gacatgtagc	tgtggagata
caacaacaac	cacgccgagg
cgttgaacag	gcaagggcac
accgcatttt	aattttgcaa
tgctgcgcag	aagtctgaag
acaattgaag	cagcattttg
aagcagcatt	atgcaagggg
tacgtatatt	ttacaaaacc
cagaatgtgt	aatgcaaatt
	tcataagtaa
	agtaacttta
	taaaataata
	tta
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	745

<210> 4809
 <211> 765
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(765)
 <223> n = A,T,C or G

<400> 4809	
gnnggnnnnn	nnnttgcnaa
gaattcggca	cgaggtggag
caatgatttc	agtctgggtt
taacatagtc	cagcttttgt
tgaggaagct	cataccctcg
ttcccaacag	aagcagtgtg
ttcaaaaaga	ccattgaatt
aggcttttgt	tgcattgttt
ctttctttgt	gcaatcaaac
aattggcagt	ggagtcataa
tcaaaatgcc	taaagtctgt
ttaaaaaact	tccatgccaa
aaaaaaatta	aaaccaggcc
	caaatggtnc
	tcaaatttaa
	aatct
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	765

<210> 4810
 <211> 800
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(800)

<223> n = A,T,C or G

<400> 4810

aananggecn	ggcnnncnngg	nnnnngccnnc	gnaagccctt	tgnangnaac	ccctctggga	60
angcccccacn	cggcggancc	cngcgccgng	gnacncggca	cgnggcagac	nanacnanag	120
gttgacngnc	cnttttcgan	caggngacgc	acnacncngg	cnnggggganc	cccangccgg	180
gcagnncggc	cggggggccc	gccacgaaga	acgcggggcn	gggcgcncg	accnnggccg	240
cagataccan	caacgggcag	ggggcgnnct	nnngggcccag	caagaagggc	gaaaangagg	300
ccgacggntg	ccnggcgcgg	caccacgant	ggcaccnng	ancggggaca	cgcgagagag	360
cangtggggg	ccgcgacaca	ggggagacgg	cgagagccng	ggacangggg	ngagaaccac	420
agnncnncnag	cncgccagcg	ccggnaacag	ggcnggnctc	cangcccna	ggcnnccgacn	480
cgngcaaaac	ngcnggccna	ccggncncca	cantgaaaga	cnngaggaga	acgggganng	540
aangacnggg	ngcangagg	ntgagnggc	caacangng	cnaacaaang	nnccacnacg	600
cccngngnga	nggcagngnc	agcgngggag	aaggaggacc	ncaaaggcga	cgnggcaggg	660
acgcacnggg	naaaaccccc	aanaggcang	gaggggacnn	ggcgnaagg	ccggggagggn	720
nngnaagggg	ggcccggngg	ccngggcccc	nngnacccnn	aaggcccn	ngggggggca	780
aananngcc	nnnngaacna					800

<210> 4811

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(741)

<223> n = A,T,C or G

<400> 4811

ngttgatcaa	gctcttggtc	tttttgacgg	atcccatcga	ttcgaattcg	gcacgagcac	60
agaccagaa	cctgctatgc	ggaacaaggc	tgatcagcaa	cttggtggaaa	tagacaaaaa	120
atatgctgga	ttcattcata	tgaaagcagt	ggctggtatg	aagatgtctt	accagggtaca	180
acaggcaatc	aacacatgcc	taaaagatcc	tgtaaggggt	ttcagacaag	acgagtcctc	240
tagcgctttg	tgttcacacc	tttactccat	gatccgtgga	aaccgccaac	acagacgagc	300
ctttcttatt	tctttactca	acctctttga	tgacacagca	aaaacagacg	tgactatgct	360
cttgatatata	gcagacaatc	tagcctgttt	tccataccag	acacaggaag	agccgttggt	420
tataatgcat	catatagaca	ttacactctc	agtttctggt	agtaacctac	tgagtcatt	480
caaggagtct	atggtaaagg	acaaaaggaa	agagagaaaa	tcacaccta	gtaaggaaaa	540
tgagtcaagc	gacagtgaag	aagaagtttc	caggcctcgg	aagtcacgga	aacgtgtaga	600
ttcagattca	gattcagatt	cagaagacga	tataaattca	gtgatgaaat	gttgccagaa	660
aattcagctc	ctttaatcga	atttgcaaat	gtgtccaagg	tattttatta	cttctcatgt	720
taaaacaaca	tttgaagaat	c				741

<210> 4812

<211> 817

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(817)

<223> n = A,T,C or G

<400> 4812

aaatntacag	tttenngacc	nttgggcagg	catcccatcg	attcgaatnc	ggcacgnagg	60
atntactggc	cnattggaat	cnnnaacctg	anttagaaaag	getcaacgag	ancangctnt	120
cagggctgct	aaggaagcaa	aaaaggctaa	gcaagcatct	aaaaagactg	caatggctgc	180
tgctaaggca	cctacaaagg	cagcacctac	ncaaaanatt	gtgaagcctg	tgaaggtttc	240
aggtntcaat	gtntactcan	gatggaatga	tnnangcate	tggtcacgn	tgaagggctc	300
gcntnaccna	tnacactgtc	gtcctgcanc	acannncag	catgnntgtn	ccctctnat	360
aagnetgana	ancctctcat	ntcnatttgn	ntnacacnct	gentgacctn	gccctctnat	420
acnaentggt	tetaacecgn	acntnttccn	tctatntnt	tnctctngcn	aangnncata	480
tgngccnagn	cngcncngc	ctcacatctc	gtgctcntgg	cnncttntgc	tgcttgaaac	540
tcccttgnet	tacgtntgtc	tentngggta	ngccctntcn	ctntttcnag	acttggnctn	600
aangtgtaca	acatntantg	tnnangcctt	tctnnaggat	canctaantg	nntggacacn	660
attantaagn	cttctnttta	antacttnnn	attcaattng	ctccttcata	cattcntgnt	720
aaattgttcc	ctantctggn	nagcaattan	atngcattnt	tantagttnn	gnntcccntn	780
tntgnttaat	gcctcnctta	tngggcggtn	ngggctcg			817

<210> 4813

<211> 1359

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1359)

<223> n = A,T,C or G

<400> 4813

ttngnnaaaa	ntcnctana	atcnactttn	tggnnatact	tcgggtentat	anctaganga	60
naaggggnat	cccccantcn	gnatctcggn	acntnttang	ctaactcatna	gctatnnnat	120
tntttacnca	tgntttctac	tannntctat	ntataataac	nnccataaatn	antcnaata	180
nnaagnntnc	tnnggganat	antctnnnna	tnntngantc	nannnnannt	atntcaatta	240
ncnccataac	taanatanta	tnatntnna	tnntantnt	actantnnat	annacttann	300
nantactnnn	natacnanna	tatanannan	acnacnnnt	tnntntntt	tctntaaatc	360
aannnnmtc	ntatattact	ttncnmattn	tnnatnatnn	tnnatnnnat	ananncnnt	420
tattntcnnn	natattcnnt	atttnnanna	taatcnctaa	tcnaatanna	tnataacnnn	480
cctatcatat	aataagnaatt	acnantcctn	nnnnncnnnc	tanctatctt	nnttcnnnt	540
natanntttt	ntgatnncnn	atcantntna	atacctntat	actnatatnt	tatcatntnn	600
annntnannn	caantatatt	natnanaacn	aaactactcn	actntntcna	ntaancaaaa	660
nanntantcc	atatntctnc	annncnntga	ntattanana	gatctntnac	tnntatancca	720
nannnnattg	nncanatan	tatcantact	acatataant	ctacnntnac	tnntaactna	780
naannnnact	atnactcgat	tnctatnca	cttatnncan	nactactacn	cataacanca	840
gtntntcgcn	tacntatanc	gagtnatctn	nttttaaant	tatatnacat	actcnanaat	900
ancnatcnat	nattactana	catatnatca	actatatang	tnnagtanaa	atcatctttt	960
naattntntaa	ctaacagnnt	atnaactana	tgntatnaa	tacatanant	atncaaactc	1020
ntnctcaca	ncgttataaa	ataaccttat	aanattgntn	tatacagnan	atacttatna	1080
acttngnatt	ntatatntcn	cntctaanna	taccattata	atgcnatnac	actatntaat	1140
actatanang	ctanatcgtn	nnatgnntct	cncncttatn	tacnactgcy	antcannnnc	1200
ntnttatcgn	tctcatncca	ttntaccnan	catanatata	cccatattat	antantntgt	1260
nannctntat	atatnttat	natactnann	ttngnnatnt	catatntnan	tctcncagat	1320
nntacanntn	tnatantatn	aatgcctata	ntacatncc			1359

<210> 4814

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (858)

<223> n = A,T,C or G

<400> 4815

cttgaattcc	cctaataaaa	ccgttctgga	aqcccnatnn	ctntagggnnn	ncnntgcgnt	60
nacgatnecn	cacgaggggn	ccactgacca	cnantaigc	gnacntttta	caanggcctg	120
aactaacntn	aanaatnnca	aancatcnna	acggancggc	cctgcctnaa	cngacgacgn	180
ntcccnttga	gnnatagecn	ngcccnact	taactgagtn	attaacctg	tatnntntnc	240
ttcngnnggc	tcagaagctg	atngantnan	cncnatcacg	accatcganc	ttgetenecn	300
nagancnnc	cagtnaggnt	nattnagnat	tnnctnccnn	nancntatna	naatggccgc	360
tcccttgatc	nancnatcng	tgactctcat	ntactggact	catnccacct	gcacccange	420
gnatntaaan	atccccatag	ntcacnnnaa	tnataanaca	taaattagga	tacanacctg	480
attganatgt	tnnagctgaa	caggntntac	cnnctgnann	ctcttgggng	ttactatgg	540
atatgaacnt	cactttgaaa	actgggannc	nnaacgggga	ttncctaaat	nccttnttgc	600
tataggcnaa	tanttnccgg	gagaggntgg	agtatcnngg	atgaancaat	tcantctttac	660
tgaanaaagt	gggcncggnc	tngaatecat	agggnaaaac	canttggttaa	nattatnggg	720
ttccaacgna	anncttgagn	taacnttcca	aanggnntgn	aagantttgg	gaaggcntga	780
atgggancaa	ngggggctcc	cnatccaaan	aaattgtcaa	ntttcaagtn	cctnggcct	840
ttntnaaacn	ntngaant					858

<210> 4815

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (716)

<223> n = A,T,C or G

<400> 4815

tgnnnttttg	nttcnaatgc	nngctcttgt	tctttttgca	ggatcccatc	gattcgcgca	60
aacttttcan	tctctctaaa	gaagatgatg	tccgccagta	tggtgtaaga	aagcccttaa	120
ataaagaagg	taagaaacct	aggaccaaag	cacccaagat	tcagcgtctt	gttactccac	180
gtgtcctgca	gcacaaaacg	cggcgtattg	ctctgaagaa	gcagcgtacc	aagaaaaata	240
aagaagaggc	tgcagaatat	gctaaaacttt	tggccaagag	aatgaaggag	gctaaggaga	300
agcgccagga	acaaaattgc	aagagacgca	gactttcttc	tctgcgagct	tctacttcta	360
agtctgaatc	cagtcagaaa	taagattttt	tgagtaacaa	ataaataaga	tcagactctg	420
aaaaaaaaaa	aaaaaagcct	ctagaactat	agtgagtcgt	attacgtaga	tccagacatg	480
ataagataca	ttgatgagtt	tggacaaacc	acaactagaa	tgagtgaaa	aaaatgcttt	540
atgtgtgaaa	tttgtgatgc	tattgcttta	tttgtaacca	ttataagctg	caataaacia	600
gttaacaaca	acaattgcat	tcatttttatg	tttcangttc	anggggaggt	gtgggangtt	660
ttttaattcg	nggcgcgcgc	ccaatgcatt	gggcccggac	ccacttttgg	tccttt	716

<210> 4816

<211> 767

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)... (767)

<223> n = A,T,C or G

<400> 4816
naancnatag ttctgtgnet ttttgcagga tccctcgatt cgantgcgnc tnaagnanen 60
gencaggnet anctcacc cattaactggc tgntgttcta tgnagggtctn atgaagggnan 120
ctgaennaga cegtgnnagt aacnttggac tetnetnean tgnactaaga ananacnaat 180
gtgggcnngc catntgccc nctcgnttga ncacancnan nnaagagnct ccagcatggc 240
aattgcnatt caccenga atgtgtncatg aagngaactn ncttgnngc cagcatttc 300
nacctgngcc natgccc atg agnaggntc ncttggannt ctagaannnt gctnntgngc 360
ctctnaang gcnntgtat ngctcaccat ggagccctng nggnenttgg acntnannta 420
ctatgacagg ccanaact gactgaccan cntngatgac ggtctntgtn tacctatgaa 480
ttganntgca tnananctng agngatcaaa gttacnannt ggtacacctc tnnctcagng 540
atttctcagg tnnctcgatn tcaannctta atatntacan ngctaattgc acttagaccc 600
tgncacgttc tngatgtan acntccttga cnnnatngtn acatntttnt tcatynctta 660
aaagtnaatt ggtngcanag tttctttcna tncgggatgc tctgctntta cncangata 720
cgngattnaa tgtnaangnt cgtcaggaag nntttantga acttct 760

<210> 4817

<211> 1154

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1154)

<223> n = A,T,C or G

<400> 4817
ngggggaggg ntgagggtgta aannnnctcn tanntatttta ccaagcctta ctntgggttt 60
cttttttgg gccaggggaa tccccattc gnatttggng gaaatttcgg gcnaccgaaa 120
ggcagcaagg gtntntggtn ccacttgggg gttgccaaag gggcttaaan aatgntctcc 180
aagtttaaaa aggccagngc aaaaattaac cgtnggggtt cngccttga aaaaaatac 240
cgtggtcaat tttcttaaag gttgtggatt tatttggcaa agnttnaaan aaatggaaat 300
tggatgnttt tccaacnaaa ntaaggggtt atttggtaaa tttcaagggg gtattagcca 360
caccaatttt taaatggtaa agccnaana aaggatgggt ttgtnaccac gtttncnaaa 420
naaaaattag tnacctggta tccanntccc aagttgggtt cacttttenc ttcctaaacc 480
tttcttggc cctaccgcca acnagcacca ctttanant tancttggc accgaatttn 540
cctngaagcc acnggggaaa gggaataacct tttacttggc ccttgggttc accgaaance 600
gacctnttt agaccctnaa tgaacctta ttttactng ggttnantaa nacctttgtc 660
ntttggggcc agnccctnt tccaacctn ggaatgctn aagggtnnga aaactaggan 720
ttaccnaac ccttggcccc tttcantngn aantnnacat acccatttg gtnngtgcta 780
ccttngggg attaccccat tnccttannc cccngnntn ccangngtn ccatcantgg 840
ttctangta aaatnncgga aactttctta annngnangg acttgaang ncanagnang 900
aaatttngcg gtagaataac cctnnnaaan ngcnaaatn tgnntaannt nctttaacc 960
ttgaaaaatc ntagnncna cttggttanc tntttgccc nttnnccn ncnnnannt 1020
tggcactttc cgttatccc ctnanaaat ttacngctn gacatatnt nactccngt 1080
gccttnggt tnanaccacc accctngnta gtntcccaa cttctnct catgctact 1140
ctacggggag gtct 1154

<210> 4818

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)
 <223> n = A,T,C or G

<400> 4818

ttnnnnnnnn	gtnttttaag	ntacaggnta	caannccctng	gctactngtt	ctttctgcag	60
gaanccatgc	gentngcaat	gctgancnag	ggctntnttc	atgtatccac	tggnntctgc	120
cncccaaant	gctngactgc	agnngtgga	tcattggctna	ctgcnnccctt	gacctcctgg	180
gctagagcan	ntngccttcc	tangactctc	aaantgctgg	gattacaggt	gtgagccana	240
ngngcgtggc	ctctttttac	nnnattgna	nnnaattat	tanggnannn	tcnaaggcnn	300
aatgnattgn	cacntcnnt	gctcacctnn	gacttgaccn	gntganctca	tggnatcnna	360
nnaccncatn	ctttcnanna	gctntgacta	cnagcagcac	accancctan	ccngctagtc	420
tgtatggcgg	agcacacaca	tggaatcaac	tcgtgtgccc	aactcaggta	gaactacngt	480
actnaagnga	tncnccgtc	tgnnncnna	nggtgtcnng	nttacacntt	tgagcnattn	540
cacangggnn	atntctcnn	tnntcaaate	ttacaccttg	ggctangctt	ggaagtgtaa	600
ngnatatanc	tgangacncc	ttagntttat	gaagctncat	tgagggtnc	tgtaccaann	660
atggncgcat	ccaactggnt	tcctctctct	taatcagaaa	tnnacattg	gngcagnnga	720
aaaaaaaaaa	agaactcgag	gccttanact	atagtgaagc	gtntng		766

<210> 4819
 <211> 579
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(579)
 <223> n = A,T,C or G

<400> 4819

ttaagccttt	gntatctgtt	ctttttgcag	gateccatcg	attcgcgcaa	actttncant	60
ctctctaaag	aagatgatgt	ccgccagtat	gttgtaagaa	agcccttaaa	taaagaaggt	120
aacaaacctt	agaccaaagc	acccangatt	cagcgtnttg	ttactncacg	tgctctgcan	180
cacanacgga	ggntntttgc	tctgacaagc	anngtccaag	aanagtaacc	ataaggctgc	240
agaatatgct	agactcttgn	cntcagaatg	aangcngctt	ggcgnagccc	annaacacan	300
tgogaagagc	ctatgctgen	tctctgtagc	nntctctaan	tatgatcnnn	nngaaatcat	360
nntatgannc	caatgataan	acagcttaag	aacngggaaa	nccttaactt	ccagnnatcg	420
ctatctcngn	agatctntat	tggcannnnc	tgangnaaga	tgttatctaa	atgntgtcgt	480
tatgtcnctt	actgatncag	tacacncttn	atcatttgta	ngntgtgngt	tggagtctaa	540
ttggcnnncn	ttcttncttn	acctcttagt	cttatgtga			579

<210> 4820
 <211> 1028
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1028)
 <223> n = A,T,C or G

<400> 4820

ccccgcgcgn	anaaaactnnn	cnnatnnang	nnncnnaann	caccnnncan	cnnnanannn	60
gnacgnnnan	ncnncnnngca	cnnnanacng	canaggannt	gncncncgga	ttnnccntga	120
acctggaaac	cgcntctanc	aggagnceng	cgattcgaat	tcggcacgag	agnncacagg	180
nnntgcgncg	acnanngcta	aangcnanaa	cgggaannga	gaagncgngg	annnggngag	240
ncgatgacng	gacacancnn	atnngncaag	nnggacgctt	gnnnacgcag	cnggaccnac	300

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anggtgcaag angccttcga cnacatanaa nnaccanaaa aaacccnagg cacgnggcac      360
ntccccccgg agnaangcan cncnnnggga nngccgacag ngctgagaaa nngcngnaan      420
ccaggagggtg gaanangnac gagcaccnga naggcgccat ngcctncan nnnnngcann      480
nancagtga ctnntnnncac angaaacaac acnacagana gtcaagcacc nnaaaanctc      540
antacacnnc cacaaggagc gcnnntggac ccngctncta agncggangt nggnntaaga      600
cnatcgngan cccaccaann tccntggcca angnnaaaaa angcnaaaa nggncctgn      660
tcggcannnn gcnaantagc antgaaaaaa nccggnncca tnaaaaaanca acggggncaa      720
ncctntntnan ngngngnggc aanagngggg gcncaaaanag naaacccnna ttgcacgcgn      780
aggtntntaa ttagaggng gcanacggga cancacncgg accgnaanta nggccncna      840
canaaaactnn acccaaactg cccagggaaa ncgnaaacgn gacttttnac agaacttgna      900
ancgnacgaa ccccncgann agtnacanaa ngcagnnaga naaaaaantg ngtcngcncn      960
nnangnngnc tcatagggga cnnaaanaac ataggganac acaccngag cnaanaanat     1020
taagggcg                                1028

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<210> 4821
 <211> 832
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(832)
 <223> n = A,T,C or G

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<400> 4821
antggnaann ngggcaanaa nccccttaag aannactgaa nggaaaagcc cgnagcgnnt      60
ggngngaann gggacgngag gggngggang aggggggtaca gaccggnttt tggncgncgn     120
nttncganga ncgaggnggg ggnanntngg gggggngang naaggggagg cagngggana      180
aagatgagggn ggcgaggcca ngaaaggang gaagggaaga ngggaannaa gncaggngnc      240
ccnngggcaa caaggagggn aggggnacag gnagnaaagn ngnggaagn gaccggagca      300
gncnaaacng ggagngnaan agggnggaag naanggagng ngcanaagn gagagagagn      360
acncagngna gaaacaggcn nnagagaagc agcnggngna aaaacnggcn ggnannagng      420
anagggagag gaggannaa aggcangnga aaagaaggan ggcagangga aggannggna      480
anaagccan gagagnggn nnacnagaga anggggcaaa ggcgacagg gnnggaaggna      540
aaggganggn agaanngnag ggggcnnгаа gnaacgagac gnngganngg ggaggnaaa      600
nggnnaanna gaggnggaag gaaaggacaa gnggnngana gnggnnagac gnangcngaa      660
naggagggga ggagnaacng agnagangga ggnangngga agggnggacn gggnnngga      720
gngngaagg gnngannnaa ggnngggan angggggnnn aaaggggang nannaannnn      780
gnaagaggga ngggagggna agggngggga gagaggngg agggcgaaaa cc                832

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<210> 4822
 <211> 1036
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1036)
 <223> n = A,T,C or G

```

<400> 4822
anngacngnn naaacnnnnn nancnnnnn naaannnnng aaanngaagg naacannaan      60
nngnnnnncg aaaaannnga anacaacnnn cannnnnann acaccaggng nanaagnang      120
naaaggaacg cgcncncnan nnnccnncgn ngngannacg aaancggna ngacngtgaa      180
anntagaatg cacagannna nannancnna ntagnaaaca tcnggnnnncn nnannangcg      240
acatntntnn ccgnttgga acgcttgga atctccgag canagagaga gagaagagct      300

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nncaananen  nagatagnna  gnancgnana  natanangnn  gtcannnnna  naggnnnngaa  360
acncnnenct  ctanntnnca  gctnnnggct  cacagnngan  agncaacgan  ggcagaagga  420
acatgagcct  gatgaagaga  cnggaaaang  agcacctgnt  cctgnacctn  caaagagaac  480
agnccaaaga  aatacaccca  agcanggang  ctcagagatn  aatancagag  agaggactnc  540
cancctnaag  gcangnatna  nganaaggca  aaanncaaag  gtaaaggaca  tgagagctga  600
agacttgang  angctaata  gacacangga  gcactgggca  cataggctan  nccctaaact  660
gnagntngag  ganattatcg  ncagagcaga  ataccnggga  agtaaaaagg  aagnncagac  720
ctgnnnaaaa  cgaantcgan  tagaaccnnc  cctanatata  catgaagaat  nntgntagca  780
natnatgatg  aangctgcng  gagaanaaan  gaaacactga  aagtnacnnn  antacngaat  840
tnagaaccen  nnntggacaa  anntatactg  anaagnagag  atggctngcn  nncangagnn  900
anagttgaan  ccctaacagn  acgagcaacc  ancagagaaa  nngnnnaana  aantnaacaa  960
cntgggcntn  ggaaaagaaa  gcaaggcaaa  gcccgcagga  nnaaanaagt  nnatgaaccc  1020
tagnngaaaa  tggang      1036

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<210> 4823

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (711)

<223> n = A,T,C or G

<400> 4823

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tnaatncttg  ctctcgccctc  tngcaggatc  cctcgattcg  aattcggcac  gaggctacac  60
tgtgggggga  agatgctgat  aaatttgatg  gttctagaca  gcccggtgtg  gctatcaaag  120
gagcccgagt  ctctgatattc  ggtggacgga  gcctctccgt  gctgtcttca  agcactatca  180
ttgcnaatcc  tgacatccca  gaggcctata  agcttcgtgg  atggtttgac  gcagaaggac  240
aagccttaga  tgggtgtttcc  atctctgatc  taaagagcgg  cggagtcgga  gggagtaaca  300
ccaactggaa  aaccttgat  gaggtcaaat  ccgagaacct  gngccaaggc  gacaagccgg  360
actactttag  ttctgtggcc  acagtgggtg  atcttcgcaa  agagaactgc  atgtaccaag  420
cctgcccgcac  tcatgactgc  aataagaaaag  tgattgatca  acngaattgga  tngtaccgct  480
tgtgagaagt  gcgacaccga  atttcccaat  tttcaagtac  ccgnttgatc  ctgtcagnaa  540
atattgcana  ttttnaagna  gaatcantgg  gtgacttggt  ttccaggagt  ctgtcgaanc  600
tactcttgga  ccaaaatgct  gcttatcttg  nggaattana  ngacaagaat  gaacngcctt  660
tgnagaagtt  ttncntaat  gccaaactgc  gaatctttca  ttattagaag  c  711

```

<210> 4824

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 4824

```

necnccntn  tttaaanccg  gcaanccttg  gaancctttg  gaaagccccg  nnncgaaannc  60
ggnacgaggc  ngggnnnttc  ctgntacang  caaaaancngc  ttcgaggggac  cacattttttt  120
cccccgnaac  ccgcccgcng  ggagggggaag  annntnaacc  tgggcccggc  acaggggtanc  180
ctngganann  ctgtgaccgg  aaaggcgccc  nccccggant  nagtggctcc  aantntcaat  240
gcanccccac  accennagtt  gtttttnatcc  tgagaaaaaaa  aaggggaggcn  gaattattna  300
aanttaaang  aggananccc  ntentggaan  ggcngcngac  ccttcctgca  gaaatgggga  360
gcantgagg  acacagggtg  gtggaggccc  nntgtgcggn  gctggtcgga  ttcnggcagc  420

```

cctccgctcnc	ttntttataaa	acnttgggng	agaagantat	attganaatg	tcagtgaaac	480
aagccnecat	tggnaatgga	ggcncagann	acnccacaag	gagcccttct	gcntataaaa	540
ncnagangca	aaaaaccttt	ttnaattntt	gtnaatnaaa	aggaaagact	tgntaggctc	600
anacnnanc	tggngtggtg	nnnacggggg	agaacactgc	naacagggan	aaanggnngn	660
gcacacaana	aangagtggg	cgaaatttgn	ccangtggac	ccagccgggg	aaaaaacnna	720
tanaaaaaaa	ctcttcatag	anccttttta	aaaaaaaaaa	aaaaaaaaaa	cttcgngccn	780
cagaaaacca	annggaggng	acctatnccn	nnagaancgg			820

<210> 4825

<211> 895

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (895)

<223> n = A,T,C or G

<400> 4825

ggnnnnngant	gnnttttnann	ccttgcaaac	gnntcgctga	gggancgncc	gaatnccgcn	60
cgcgaggagaa	ntnanatngt	ncatggnata	nnnngtnntt	tgtntgntat	acagtgcntg	120
nnngnagngg	ggntccgtac	tgctagnnan	gaacgtgcat	tcacaggggt	ataaanataa	180
cgatgttagc	accaancenc	ttcnaccctn	caataggggtg	tnagatgcnn	nanatggang	240
ntgcctattt	aangnntntn	nnntgcnena	tatnngaatt	ncngaggacn	acttannncc	300
gaaanntnta	cttnccgnac	cgnangggcg	aaagngntta	tttttgatga	ctnccgtgggt	360
ccgcncngag	agctcctgct	ttgcctgctc	ctcccgttct	aaactgtnac	cctttagttt	420
tngannaccn	nncccgnctt	gggaacggtc	tgacnntcnc	tcgaaaaanag	gaagtggctn	480
aanggcnggc	ttcttgacnc	gngnatcgga	tcctnnggcc	cnnccccntt	ccgttncaan	540
cttgcttntg	caacaagcga	tngntnacgc	tttttactga	nnctcttttat	ntcgccattt	600
nggattcccc	ngttccntgn	aacnaaaang	nccngggcgga	ngtcaccnat	aaaacctgtt	660
ccctctgctt	acaanaagca	nnganggtgc	ccgtcngngc	cctggtcttg	nanaacangg	720
ntggtgggga	ancntaaact	nncccacatt	tgatgggaana	cncattttca	tnnanccatt	780
nttaaaaacn	ggggntgngn	gcaacgccaa	nncctactcc	ncactatcca	aagntcccan	840
ntattggcgg	ggcattcttc	attggaaatt	ntggatngaa	ngaaaacctt	ctcct	895

<210> 4826

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 4826

tttcaaatcg	cttggtact	cggtctttct	gcaggatccc	atcgattcga	attcgggcacg	60
aggcctgtna	ttccancatn	cncngncacn	aatnnaanan	ggagncctta	ggntcttaat	120
gtgaacaggc	agnngattan	gctgggcact	caggnagaan	ntcgctgtn	tcantnttna	180
ggcatgtttc	atgattcaaa	ntactctcca	ncccttgctc	tcaatgcctt	gcatgagcct	240
tgatgattg	nattaggact	accnanatta	ncncnngtna	tcncccttgn	tnaaannгаа	300
ntcacnntgt	atgtnacann	atnctaatac	ntcaanaggn	acnngtattn	tctgacnaaa	360
nagctaggca	nctnaanata	nccanattat	atcnnnatcn	ntngncnctt	nattantaca	420
tacgnanacc	tngtaaggna	tnnttnncan	tggacattgc	tacagatcag	ntgacgatta	480
ngtancctnc	ataantaatn	nanngcattg	taenttnaen	gatcggtctn	ccnctgncat	540
gntcngttc	ctnagtana	canagctent	cgtattctgg	ncgnntnncc	gntatcngtt	600

```

nntaatgcan atateccctat gcaggntntcc catatnnntn tnatnatgca tatagccttt 660
tgaangctcc ccatntnata tgcncatatt ccaccatatt aaatnttnc tnnncgnact 720
ttggncacat gtaagncttg gtnacccaan ntaatcacc 759

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```

<210> 4827
<211> 767
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(767)
<223> n = A,T,C or G

```

```

<400> 4827
gaaanccctt ttgttaactnn gtncttttttg caggatccct cgattcgaat tcggcacgag 60
ggggattcat aattccagac aggttagagaa cggtttttatt tatgttagaga cagagtctcg 120
ctctgtcgcc cagctgagggc ggggagaatc actttgacct gggaggtgga ggttgcgctg 180
agctgagatc attacactgc actccacctg ggcaacagag tgagactatg tctcaaaaaa 240
aaaaaanna aaaaaaaact cgagcctcta gaactatagt gagtcgtatt acgtagatcc 300
agacatgata agatcattga tgagtttgga caaaccacaa ctagaatgca gtgaaaaaaa 360
tgctttatatt gtgaaatttg tgatgctatt gctttatatt taaccattat aagctgcaat 420
aaacaagtta acaacaacaa ttgcattcat tttatgtttc aggttcaggg ggaggtgtgg 480
gaggtttttt aattcgcggc cgcggcgcca atgcattggg cccggaccca gcttttggtc 540
cctttantga ggggttaattg cncgcttggc gtaatcatgg catagctggt tcctgtgtga 600
aattgttatc cgtcacatt ncacacacat acgagccggg acataaagt taaagcctgg 660
ggtgccta at gagtgagcta ctcacattaa ttgcgttgcg ctncctggcg ctttccaatc 720
ggnaacctgt cgngccactt gcnttatgaa tcggccacnc ccggggg 767

```

```

<210> 4828
<211> 719
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(719)
<223> n = A,T,C or G

```

```

<400> 4828
ttctaatttn aatccttnaa atnggttctt tntgcaggat cccatcgatt cgaattcggc 60
acgagagaac acaggtgtcg tgaaaactac ccctaaaagc caaaatggga aaggaaaaga 120
ctcatatcaa cattgtcgctc attggacacg tagattcggg caagtccacc actactggcc 180
atctgatcta taaatgcggg ggcacgcaca aaagaacat tgaaaaattt gagaaggagg 240
ctgctgagat gggaaagggc tccctcaagt atgcctgggt cttggataaa ctgaaagctg 300
agcgtgaacg tggatcaccc attgatattc ccttggtgga atttgagacc agcaagtact 360
atgtgactat cattgatgcc ccaggacaca gagactttat caaaaacatg attacaggga 420
catctcaggc tgactgtgct gtcttgattg ttgctgctgg tgttggtgaa tttgaagctg 480
gtatctccaa gaatgggcag acccgagagc atgcccttct ggcttacaca ctgggtgtga 540
aacaactaat tgtcgggtgtt aacaaaatgg attccactga gccaccctac agccagaaga 600
gatatgagga aattgttaag gaagtcagca cttacattaa gaaaattggc tacaaccccg 660
acacagtanc atttgtgcca atttctgggt tggaatggtg acaacatgct ggagccaat 719

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```

<210> 4829
<211> 887
<212> DNA

```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (887)

<223> n = A,T,C or G

<400> 4829

nnttttaaaac	cttnttttta	acccttttta	aaccttttcaa	ctaccgggct	ttttgcaaga	60
ncccatcgat	ttcgaattcc	gcacgaagga	aaacatggca	cttnttnttg	ncatnctaa	120
cgggacctg	ccgctnacc	gtggaaaagta	caggctctga	caactggggt	ncctgatggg	180
cctgggtgac	attatctcac	aacaacttgg	tggagaggcg	gggtctgnag	gaacaccang	240
agaggcccg	actctgacca	tgggtgtccct	nggctntggc	tttgatggcc	ctgtggtagg	300
angctggaca	anggtttgat	cngancatnc	ctgncaccac	caaantggga	tgccctgaag	360
aaaatgttta	tggatcangg	gggctttgnc	cccggtgttt	ctangctgcn	ttntnccact	420
nggtatgggg	cacttaatgg	aatggntaac	ncagnacaaa	nttgggcca	aactacatgc	480
gggattatac	tagntgcct	tatcacccac	tactntntta	tggncntgct	gtgccagntn	540
nccaaactttt	annntgntgc	cccttttatt	ncaaanntgg	ancgnngncc	aaantgaanc	600
nttntttttt	nttgaacctt	cctacctntc	cctgggaang	gcncaatatn	gnttatnaaa	660
nccttgccct	cannttcn	tngtnttccc	aacctttnt	aggggnntac	aganttttgn	720
ncccatggg	aancnaggac	aataacaaan	ctccttctaa	aantgggggg	antaaccccc	780
ntttctacna	gnagtttggg	tttttcccg	tgncaaan	ttantaag	gaatttggca	840
ccccttgga	gggnccent	tttanttctt	aaaaaangtc	cacctgc		887

<210> 4830

<211> 858

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (858)

<223> n = A,T,C or G

<400> 4830

ttntctaattc	tngctatcgn	agtnntntaa	gnncanttct	aataacttggc	ancncgatnt	60
cgcnnnanca	tncnatacag	tntnctctg	nncgaggcnc	ccangtncat	ggctnnatnn	120
anggccatcc	atatgccagc	tggggggccag	gcncantgg	ccatattgnc	tgnagcnnga	180
atgggtgccc	cctacncgaa	ttgaanggct	aagagtccca	gatagctagg	ccagagctgn	240
aagcatacag	taaggggaan	agctgctccc	acagganagg	gatagattcc	atctcaactgc	300
gcancctggg	aggaggcang	gatcctgnca	cgctaagcct	naggcaccan	cctccctgtg	360
ctcgacatgc	aaagtcatga	ctcctncttg	ntgagnactg	agctaccttn	tactgctcca	420
aancnnacta	acagctctcc	aancccttgg	ggtgactcga	gatccnanga	nctgtngact	480
taantganga	tantcagtc	tgttctgcn	nggcaggcca	nattcctncc	tccaanaanc	540
nnnatctttc	naaacctga	anntgtancc	tntctnattt	acccagctan	tttaanncca	600
aatnttanaa	anntanncna	ataccttacc	tcnnaaacca	cttttgnctt	cnttacctga	660
tannngnngn	nctatactca	cnnttttagcc	ntaaannngaa	nccttntctnn	annagcnnat	720
ttgtctnttn	ancttggnaa	actttctatn	tanaatnacc	atccaaannt	tnnggnannt	780
cnttaattnt	ttanccnanc	tacaatnaa	canctntaac	ctnantcctg	taantcnnac	840
aaaattnttc	nttancc					858

<210> 4831

<211> 1786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1786)
 <223> n = A,T,C or G

<400> 4831

cgcccccccc	cncccccccc	ggnnnnnngen	nnnacnnncc	ncnnccngcn	acgnccnncc	60
naccnnnnna	ngagcncnng	ncgnnnnnnc	ncgcccacna	ngggntcgng	ncagcngnnn	120
ccangcnnnn	cnnccngnng	cnccngnann	gcngnancnn	nnannnnncna	cnnangetac	180
nnccagcnanc	nnnccngcng	anagnnncnn	nnnagcgena	ncncgcncnc	ncnccngnanc	240
ccacacnnac	gnncannccg	gncnngngna	cnggncccc	nancntnnnt	cncnttttgg	300
ccaacncngc	ctgggcancn	accnnnnntc	gcncagnaa	cgngngnang	ggnnccgnac	360
nnccnccgnc	cccanngcc	cntntncnc	ngnagnntcn	nnnnccananc	cncagcanan	420
cncanancn	cgcncnngg	ggnnnnccgna	ccnccnnnc	cccgcgnagn	gncncncan	480
nnccngncgc	ctcccnccn	cncgnacccc	ncnnnnngnc	ccnccngccn	gccnccnnna	540
nnnccnann	ccnnnccccc	nanacacnnc	ngnccgagnc	cnnnnnnnccn	cncnccnccn	600
ccccnnngnc	agacnaactc	nnccnccncc	agncnccnnc	naccgcgccn	ngnnnnctcc	660
nnnccgcangc	annccnccng	ccnccccccc	cggnnctggc	acacgcacnc	cncaccgcnn	720
cnccccnnnn	nacnacgnng	cnccnccnag	nnccannanc	annccannag	ncngacacac	780
cngcngaggc	aacacgcncn	caccnnnaca	cnccantnac	gcacccgggn	catcacgcnc	840
gcnnagancn	gacngagaca	acncagcnnn	nnccnccnag	nacacgcngg	cnacagactc	900
tcncacgnna	cgcannnnnc	gcacccccc	nnnacaccna	ngcacccgng	anancncgc	960
acnnngnng	ctcanacgca	ncangccgcn	cnangtcncn	ngacgcnncc	nctcnacncc	1020
gcnngncncc	aacgcgcgc	cancnccngc	gncgcacna	cngacgcnc	nnnnccacaga	1080
naggacncac	tnngccgcan	nnccnccncc	cgncancncc	cgacgcnagt	atanacnatg	1140
cnngnncagc	acacannnnn	cnanaccngc	cngccnccac	gctctcgngc	agncacacgc	1200
ggncgcctag	agccnngcat	cntagagcac	gcgcannnn	ccngccacat	ngcacancnn	1260
canacnngcc	cncnccnnnc	agaccnccn	ncnccnccn	ganaccncca	ctcacaccnc	1320
nctnccgcgc	aanagnnnca	gganacgcct	cngctctnca	ctgnganacc	gcangacgnc	1380
ccttnccnact	canacnccn	gncacagnca	cncnccncc	nacacnccn	nnccacatccg	1440
ngnnatcncn	ncnannnacg	nacannnccg	gcaccngcac	gcacaccann	gnnccngacga	1500
ccnccnccgt	canacctgcg	ancngctcat	gcgcgcgtnt	tacacnccgn	cngtncnccn	1560
cncgaccgnc	acagnnccn	gctnccgtnt	cncnccncc	gcgcgcgtnt	ancnccaggc	1620
nnccacnnnc	cagntatccn	gngtnnnngn	caacgcncag	cngtctcnc	acanncccca	1680
ngcgnngncn	ntnccnnnga	gagcaccag	ntanncaacc	nnacnccaga	naactcnacc	1740
nactcgntca	cagntcgcct	gtcnaccngg	atacaccgac	cccacc		1786

<210> 4832
 <211> 759
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(759)
 <223> n = A,T,C or G

<400> 4832

tttatgncnt	agtgaactct	ttgggaagca	nnccccatcg	attcgctcag	attaaggggt	60
ttgaaaaaca	aaccgaaaaa	gatgggcntn	attnagcctt	acttgattga	cgttgactta	120
atcagagggt	caacatttgc	caaagcaaaa	cctgaaattc	catggacatc	tctgactcgg	180
aaggggcttg	ttcgagttgt	atTTTTTcca	ttgttcagca	attgggtggat	tcagggttacc	240
tctttaagaa	tctttgtttg	gctgttacta	ctttatttca	tgcaagttat	agcaattgtc	300
ttatatTTga	tgatgcctat	tgtgaacata	agtgaagtac	ttggaccctt	gtgccttatg	360
ctactcatgg	gaactgtcca	ctgtcaaatt	gtgtctactc	agataacaag	accatcagga	420
aacaatggaa	atcgaagaag	aagagtttgc	ctcttgttgc	ccaggctgga	gtgcaatggc	480

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gcaatctcgg ctcactgcaa cccgatacct cctgagttca agcgattctc ctgcctcagc 540
ctctcaagta gctgggatta cctgcgtatg ccaccacacc cagctaattt ttttttttga 600
athtagtaga gatggggatt tcacccatgt taatcangct gatctagaac tnetggacct 660
caggtgatcc anccggcttg ggcttccaaa aggactggga ttaccagcgt gagccactgn 720
acccaaaccg nctaaacctt ttaaaaaagg attatttgg 759

```

<210> 4833
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

```

<400> 4833
ccaacgcngg ctacttgctt tttttgcagg atcccatcga ttcgaaattcg gcacgaggat 60
tagtactagt tctatctgga aaaagcccgg gttggaagaa gctgtggaga gtgcgtgtgc 120
aatgcgagac tcatttcttg gaagcatccc tggcaaaaat gcagctgagt acaagggttat 180
cactgtgata gaacctggac tgctttttga gataatagag atgctgcagt ctgaagagac 240
ttccagcacc tctcagttga atgaattaat gatggcttct gagtcaactt tactggctca 300
ggaaccacga gagatgactg cagatgtaat cgagcttaaa gggaaattcc tcatcaactt 360
agaaggtggt gatattcgtg aagagtcttc ctataaagta attgtcatgc cgactacgaa 420
agaaaaatgc ccccgttggt ggaagtatac agcggagtct tcagatacac tgtgtcctcg 480
atgtgcagaa gttgtcagtg gaaaatagta ttaacagctc actcgagcaa gaacctcct 540
gacagtactg gctagaagtt tggatggatt atttacaata taggaaagan agccangatt 600
taggtaatga gtggatgagt aaatggtgga ggatgggagt caaaatcaga attatnggaa 660
gaagtatttc ctgtaactat ngaaagantt atgtatatat acatgccana aatatatg 720
tgtgtgtgtn tctgnggatg gatatatgta tatctcttcc tatatatatc cc 772

```

<210> 4834
 <211> 833
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(833)
 <223> n = A,T,C or G

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<400> 4834
ggnnnnnnnn tttttaactc ntgccttttg aannccttgg tacctcncnn ngganggggc 60
cctngttnna attcgctncn acccanngat gggccagnng gngaacttnc ttgagtatgt 120
cgcenttccg gnggncgttn nctnngttct acnnagaacn cttngagggc tgaaaataaa 180
tntggaagat nganacaccc tntgngggtc ctctctgaga caaatccatn tgggtgggtaa 240
ttgnacanta aatntttttt gntcaaatnt nnaaaaaaaaa aanangcctn tacaactctt 300
gtgagtcntn ttaccnccat ccnnacatga taatgataca tatgatgatg ttggnacaaa 360
ccaacatcta gaagtgcgnt tnaaaaaaan gctntntttg cgnaanntnn gatnctnttg 420
nttnnttnga nncntttgng cctgnataaa caagttaaca acgacanttc tttcattagg 480
ggagtcnzna tnatggtggg ggccangnan gngttcntga atctngcntc gtctcctnca 540
ggncatntnc acnacaccg aantttgggc atntntttt gncntntgaa cggnnntcng 600
gngttnatca aggatatnnn ntctcctgtg tgcaaaattt gtccctcenc naattccacn 660
ctngcatgcc atcccgnat cattnaaggg taaaantcct ggggggngnc cnatgacgt 720
nngcncaacc tcncatttgn atngctggtt ggancataa tgccctgct attttanttg 780
cgnggnanaa catnncttgg ggcctntngt gncatntaan atanattggg gcg 833

```


<210> 4835
 <211> 773
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(773)
 <223> n = A,T,C or G

<400> 4835

tttattccat	cagctcttgt	cttttgcnga	tccctcgatt	cgaattcggc	acgagattct	60
ccctaaatag	taaatcccac	tgtatacaaa	actgttctct	tgttctgcct	tttaaaatgt	120
tcatgtagaa	aattaatgaa	ctatagggaa	tagctctagg	gagaacaaat	gtgctttctg	180
taaaaaggca	gaccagggga	tgtaatgttt	ttaatgtttc	agaagcctaa	ctttttacac	240
agtggttaca	tttcacattt	cactaatgtt	gataattggc	tgatggttga	gcagtttctg	300
aaatacacat	ttagtgtatg	gaaatacaag	acagctaaag	ggctgtttgg	ttagcatctc	360
atcttgcaat	ctgatcaatt	ggcaagaaaag	ggagatttca	aaattatatt	tcttgatggn	420
atcttttcaa	ttaatgtatc	tgtaaaaagt	ttctttgtaa	atactatgtg	ttctgggtgtg	480
tcttaaaatt	ncaaacaaaa	tgatccctgc	atttcctgaa	gatgtttaaa	cgtgagaagt	540
ctggtaggca	aagcagtctg	agaaagaaat	aggaaatgcn	gaaatagggt	ttgtctgggt	600
gcataataac	tttgctcttt	ttaagctctg	tgactctgaa	atarattttt	gggttcttca	660
gtgtgtttgg	acaagacact	tgatatttct	atcaaacaaa	tgactttcat	attgcaccaa	720
tctttgtaag	accactcaaa	taaaagcttt	taaaangcaa	aaaaaaaaaa	aaa	773

<210> 4836
 <211> 855
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(855)
 <223> n = A,T,C or G

<400> 4836

gcnnttgan	nccatcanct	cttgttcttt	ttgcaggatc	ccatcgattc	gaattcggca	60
cgaggggnc	aaannatntc	ntgatgacaa	anancctctg	atancaggtc	antcncagt	120
ttanagtct	cagttgcttg	cttgggggaa	tnngtccct	aatgngaata	gnntgctnga	180
ttgctcnggc	nctgntactg	tgacagtgtt	tttagacctg	tgttnctaaa	aaaaanatna	240
atgcnctgaa	aagggtgttg	ggaggggtgg	tcancataga	aacanagatg	ttanggtgtt	300
tagatttang	gttggnaaac	aggtcatctt	tagtcaccnc	actgggnagg	cagcatttgc	360
tacattggcn	nactaactnc	cnttgctann	nnntttcang	antncaanna	cntgtgnatc	420
ntagtatnnn	agnntgaaat	nantttccac	cannagcggg	cattgtttct	atcacagcat	480
aggctatgtn	aagcnaactc	tannatgata	aatgacaccc	nntnttatct	attngcatcg	540
acccccgtct	ctacaagaaa	gtnaccaaaa	attttncceg	ggcatgntgg	tnggggcacc	600
ctgtnggtcc	ccagctattt	caaaaaaggc	ttgangngng	ggaggaatca	cttggacccc	660
cggggggggg	tggaggggtg	canttgannc	caaactnacg	cccactgcan	ttcccgnctt	720
gggggtggaca	caagngagac	ccccatttta	taaaaaana	atnaaacct	cctttggnaa	780
cnngggggna	aantctnttc	tttttnanga	anttttctng	ntnggacttt	gggggttcctc	840
tatgactttc	atntc					855

<210> 4837
 <211> 932
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(932)
 <223> n = A,T,C or G

<400> 4837

nnnnnnngann	nnanagannnn	nnnnnnnngan	nanntectnt	tnnnntagga	nttgnaaatn	60
cctcgttcta	aatncttggg	aaacnctng	ctnnanggt	cgngccactn	tgcccggnnc	120
gaggggtggg	ncacacncta	atntcnctgg	gtccatggta	ntnccnatta	ngcatgctgt	180
gttnntgcan	atgatgtant	acganatcca	cggtgttngg	ttaatgattt	attcactcat	240
tagtcattcc	acaaactagt	ctngagcacc	ngttatgnac	ccancactgt	gctggaatgc	300
tgaggagaca	ggagtgaagt	aaaaagacat	ggntccngca	ggaaacaggc	aaggagagcc	360
ttgacttgac	ggantctggc	aatancgcca	ggctggaatg	caatggcgcg	atctctcctc	420
actggancct	acgncnctng	ggntnaagca	antctactgc	ctcagnanct	ggagtancn	480
ggnactacag	gcnnngcgta	ccacncgcnn	atgagaaaac	ttnnngccac	agagaggtga	540
aataagttag	atgcttntta	acctaattgcg	anaaccncgt	gaaaagattt	ttggcaacct	600
gaaaaatccc	atnctnnmnt	gaggattnta	tngncaaccn	gnaatcaant	cttaggnaan	660
atgaatgccc	nttcgggagt	aaattcnatt	tttnntnate	tcccannaag	gaaggaaaac	720
ntnnnaagcc	tctangaatn	atnnngnctt	nctaaccnng	ngtantcaaa	actnttnncn	780
aatctattgg	naaacccgat	ctagannttt	ttnaatnacc	ntnaaaatct	nnaaaagaaa	840
gnncaatnag	tatntttatt	actcgaaaag	tctccaaanc	ncnntaaaag	aactcnantg	900
gaccaaacta	cncnttgng	gaannttaan	cc			932

<210> 4838
 <211> 1358
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1358)
 <223> n = A,T,C or G

<400> 4838

ttgnnggaac	ccnnntttt	ttntttaaaa	aaaancccc	cantttcccn	aangggccct	60
taacctccng	gttnttgtn	tntnttttta	ctgatnngaa	angagcanaa	cnncnagatn	120
gntnantgta	aantttnta	tcnncnncn	aangtanctt	netttgtatc	caaccnnggt	180
ntagtcgtct	cnnncntaga	nettaantat	ataannnata	aacacctacc	gtgntatann	240
tntgtacann	tannnnncgc	gcgnngngca	ncnnangtca	tatanacct	gcgccanatn	300
cttctacana	ctacanccnt	atnanggnnt	nnataaagtt	cttaataacg	catcatnntg	360
ttcaacaact	ggggtagcta	tantgaacan	tctnancan	naannatngn	ttcncaaaag	420
ganaancatc	tcnntatang	antaccctnn	ntttgnncaa	tnatatnaaa	tcnnttganc	480
nancncncgt	ntgnntnnaa	gnnttgaatc	tngncaatat	gttggnnnnn	gentntntnn	540
tttnanattn	anaaaccttg	ncntnatnat	ncatgtggta	tgtnaanacg	tnctttaaaa	600
taggnnnaag	acgnnccnat	tgcnnacnt	tatanaatnt	cntnnnncca	tnntgctcga	660
ttntgattac	aaatattgnt	gcngannngn	anaatnacct	cnatcttgat	nccttnnaat	720
annnannnaa	anaattnnnt	nccttctnnn	tcacacnaca	ttccnacgta	ccntnatnat	780
ctttgtnnna	cgtcattgta	cnaacaactt	aatgtagctt	tgnnanacnn	aacaatntcc	840
tctctttggn	nnnanggnat	gcacncattt	ccntttgnta	ntaacctann	tcngnnaata	900
ttgtaatagn	cncttaacgc	ntcnaantct	cgggtaaten	nancaaaggt	ttgtcacnaa	960
ttctnnnccg	ttncnangcn	taactntntn	cntaanacat	ngattgntta	actcgaangn	1020
atatgancgc	gancgcatgn	ncncanang	tcacttcttg	ggataccccc	gctctacttt	1080
anactcttta	angncanang	gttacganac	tgactngna	ctgtangctt	ngtttactct	1140
ncnccgnaa	anactentcn	atangatgnt	tangcncna	cgcnannntn	ncgnantcta	1200
tnccgacana	ntnaacnnnc	tccanatnaa	naaaatngtn	ntgtngnac	anataannga	1260
cntatccttc	tgtatattct	cgacgcgaan	anatggtagc	tgagngnttt	acntaangta	1320

ncanattntgn ggtnnacact nnnntatnccg agcctccg

1358

<210> 4839

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(716)

<223> n = A,T,C or G

<400> 4839

gnnnntttnan	atcagctact	tgttcttttt	gcaggatccc	atcgattcgc	tgaaatgtca	60
aacacggcca	cctaggcagc	atttacaanc	aagagtccac	tgcttnnttg	atgtatatct	120
taagcgcccc	cagtgaatga	acagcatata	actccacata	aaaatcatta	aatgtnattg	180
acttccagag	caggcagttc	tgtgtgtatg	cctctggaga	aggctggctg	aattgnaatt	240
ggtctgtacc	tnctgcctat	catgtacatg	angtnnttgg	gcaaagagaa	ctttccanaa	300
nataagtgcca	naaattatag	atcatcanac	naccaatgac	atattgntga	gatatctnca	360
agatctagaa	tngncctggg	tgtcaaggaa	gtctntgggg	tttttaca	tattgataat	420
gcnccttttta	taaaatgcac	tttttataaa	aatgcatgct	cacttgagac	aacttgaaaa	480
acacactaga	aaaggccggg	cgtagtggct	cacgcntgta	atcccagcac	tctgggaggg	540
cgngacggnt	ggatcacgat	gcangagatt	gagaccatcc	tggtctnecat	ggtgaaaccc	600
cgtntctact	aaaaatncac	naaaattagc	anggtgttgg	tgacgngggc	cctatagtcc	660
catctactna	agaagcttga	tgcangaaaa	atggtgtgaa	cccaggaaac	gagctt	716

<210> 4840

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4840

angcagctct	tgttctnctt	tcaggaccct	atcgattcga	attcggcacg	agccaagctg	60
taccagagtg	cangaggcat	gccaggagga	atgcctgggg	gatttccttg	tggtggagct	120
cctccctctg	gtggngcttc	ctcaggggccc	accattgaag	aggttgatta	anccaaccaa	180
gtgtngatgt	ancattgntc	cacacattta	aaacatttga	aggacctaaa	ttcgtagcaa	240
attctgnggc	agttntaaaa	agttaagctg	ctatagtaag	ttactgggca	ttctcaatac	300
tngaatatgg	aacatatgca	caggggaagg	aaataacatt	gcactttata	aacactgtat	360
tgtaagtggg	aaatgcaatg	tcttaaatna	aactatttaa	aattggcacc	ataaaaaaaaa	420
ataaaaagaaa	actcnnccct	ctagaactat	agtgagtcgt	attacgtaga	tccanacatg	480
ataagataca	ttgatgagtt	tggaacaaacc	acancatagaa	tgcnnnngaaa	aaaatgcttt	540
atgtgtgaaa	tttgagatgc	tattgcttta	tttgtgccat	tatgagctgc	aataaacaag	600
tnaacaacac	aggttgcatc	catttnatgt	ttcaagggtc	aaggggnagg	tgtggggagg	660
ctacttaatt	tcattgacgc	ngggnccttg	cnttnngggc	nnngacccca	gntttttgtg	720
cctttnngng	aggggttaant	ncnaacttng	ggttaann			758

<210> 4841

<211> 739

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(739)
 <223> n = A,T,C or G

<400> 4841
 agnnnantnc tatgatecct tgnnncagga tccatcgatt cgaattcggc acgagtgcct 60
 ttgntcccca actctagga gctagtttca tacatttaan ancnctgctt acctcanage 120
 tcccttttag canengcaga cttnnanate tgtttaacca gtccctata ttaaattctc 180
 tctggnaaaa tacatggng ggctttgatt anctgctgaa cccnagnga tncataccnn 240
 atnatgctnc nnaannnatg cnatannent acaannatnt gtantnnagg atncctatnn 300
 cnanactgct ngtnntanca ncatcancat gacannnacc tttaaangtn ttcnatntan 360
 ctanaattat ctaaaatgtt aaangncnta aaacannnna ntaagcaaaa gatganntca 420
 agtgtagtn catttagtag tgacttggtga gatttgacgt gttcatgaca gctggctatt 480
 tgtattgtct gaatgatagt gtatttgngt actttgccc ttgcctattg gggcattnta 540
 aatngatcc ttaggtaatg ttaattaaga acattgacct ngggcanggc gcggtngctc 600
 acnctgtag nncnaacacn ttncgagggc gangcagnaa attcnanana angagtttga 660
 tacatctggg caacatngcg aaacctgnet ntctanaatn tananttagc cggcangng 720
 gagctgcnga ntccagtag 739

<210> 4842
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 4842
 ttatnnntac cgctttgcna ctncncgcag gatecctega ttcgaattcg gcacgagggg 60
 gattcagatg atggcgaaga tggtcgaggt tntgagaacg ganaaatnaa ggcncctcgg 120
 acagctnctc tggcaatgta tctgaagggg aaagccctnc tgacagccat ggaggactct 180
 ttccaggga gacagnnate aaangacaaa gctgccactc cangaaaaga tggccccaaa 240
 cgttctgtac tgtccaagtc agttcctggg tacaagccaa aggtcattec aaatgctata 300
 tgtggaattt gnctgaatgg tnaggagtc aacatgaaag gaaaggctgn atcactnata 360
 cactgctccc aatgtgagaa tantggccat ccttcttgcc tggatatgac aatggagctn 420
 gnttctatga ttaagacctc cccatggcan ngcatggaat gtaaaacatg catnatatgt 480
 ggacaacccc accatgaana agaatgatg ttctgngata tgtgngacag angttatcat 540
 actttttgag tgggccttgg tgctattcca tnacgtcgt gnatttgtga ctggtgtcaa 600
 cngncccccc caacacccag taaantgtgg caaaaagggg aaaaatnagc aaagagggat 660
 naaancgttt ttgactctaa tctgtatatg catttaagtg gaatatttgg tgccattttc 720
 aacattantt tcatgcccatt aaaagaatnt 750

<210> 4843
 <211> 730
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(730)
 <223> n = A,T,C or G

<400> 4843

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tnnctttgat tcaattcata gcnactgggt ctttttgcag gatcccatcg attcgcccag      60
ggcgcctgc ctgagcctct ctgcagctgc tcacctcctg ctgaggcctc tgccttcaga      120
gctagtgggg cctgtccaca cattccagta gtttcctctt tatttgctct gaaccaagtt      180
gtagaattta aaggagggtga agtaaggcga tttctatgga aaatatattt ttctcttcta      240
ctctcatgc tgagtgcata agaatttatt atttccctg aatgttcaaa gtggtgtgtg      300
tgtgtgtgta aaagaaccag gagcaaacaa tcttaatagg aatgtgcgat ctgtgttta      360
tcttttagcac acttaattag ctacaaccgc ggactgttgc catttgaaca agttgttaag      420
aaaatctgcc atgttttgct ctttttcaaa aggaatgact ttaataacca tagcaacact      480
tactcagttt tgtgateccac tccaagatta tgggagcaag aacagatnct cctgaaagca      540
accctcacct tcttccccgc cctgccctc agcaagtcct ggctgtgtg aactgaaggg      600
tttggaagct ctggtttcta ngagtgccta naactagaaa gactagggtg tctaattatt      660
tgagggggcan ttgtcaatgg cantgtgggg ggcaccccat tgttatttcg aggcactgca      720
ttgctttttt                                     730

```

```

<210> 4844
<211> 818
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (818)
<223> n = A,T,C or G

```

```

<400> 4844
tntcctnecg gngnecgnatt ccnctaagga gaggcncgga tccctcgatt cgaattcggc      60
acgagtctcg atctcccgac ctcgtttccg cntgcctcgg cctcccnnnn ngcngnnatt      120
acaggcgnga gccaccgagc tngnccctgga tcaaattctta atccatgcgc atgggnacac      180
aagantactg ggttgaannn attctagntt tgnattttaa atacntgnng atgaatctat      240
tttagcacan ggtataaata actcgggagg tcactctctat ctctctctct tnanatgcatt      300
tgggtatacc acgtttaagn nctaaaacag ctngnctat gttggccagg ggaaaacatg      360
gcatnctgtg cgcaaagntn aatgatecgn gncennnctt ggccctccc tgggtttatg      420
gncancgtaa gangcccgca tgttaaagct taaaccgtca nttgggctng gtgtaaatcc      480
ccnattnaat tcntggngng ncaannctct tgaccccgna aacaatggaa agggccanct      540
ggggcctcna anntgtngga gcccnnntta acaaacnntt antngnaaac ctttgaatt      600
ccaaccttna aaggaggagg naccatggaa gatanttgag tggcccgntn ggaattgnan      660
ccccctnaan gcaattagtt tcncnnaatt ttcttggttn anaaaanatg cncnnaanac      720
cnggggggccc caannctggg ctaaagccgg nggggctcnc anaaccnggg tttttaactn      780
tngatacant angnggaaan aangggcccc tttttaan                                     818

```

```

<210> 4845
<211> 748
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (748)
<223> n = A,T,C or G

```

```

<400> 4845
agcttcattn nactatcagn tgcgctgctn tangtgcnng atccnttcga atcngcnecg      60
aggcgngang gcangganng cagngcnan gncennntta gcnntttct gtcttateac      120
ncagngaant aanntgaact ggatcngaac natcccatat tancgatecc ttnctcna      180
tgaaagaaaa nacntannna gaacanatan gctnaaactg atacagnaag tngccgtcag      240
cctctagaac tatagtgagn ngaatgncnt acanccanac ntgatnanan acattgatga      300

```

gtttngncaa	accacatctn	gantgcantg	aaaaaaatgc	nctattcgng	aaancantga	360
tgctattgct	ttantngga	accattataa	gctgnnataa	acaagctaac	aacaacnatt	420
gcattcatnn	natgctncag	gancacgnng	aggtnagga	ggnagtgtaa	ttcgnggcecn	480
eggagccaat	gcattgggcc	cagacccacn	tntgaccctn	tagtgagggt	taatggcgcn	540
cttngcgtaa	tcattggctat	agctgcttcc	ngcgtnnant	tgatanccgg	tgcaatntca	600
ncacatacga	ccgggacata	aagtgaagc	ctggagnanc	ctaangaagt	gaccaactca	660
cattnatngc	ctgngntaac	tgncccttc	cagtngggaa	accnnnnccg	canatgctta	720
angaatcngn	caccgcgcgg	ganaggcg				748

<210> 4846

<211> 704

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(704)

<223> n = A,T,C or G

<400> 4846

gnnttnaaan	nttgcttggn	nnnnnncctt	tcgcaggat	ccnanncgat	tcgaattcgg	60
cacgaggtn	agctcnccta	nctggnatnt	gggnngtnng	aaacatncnc	tntcctgata	120
ccantgtgcn	ngaatacanga	nacatangcc	attacacngc	gtctatgcaa	gcttgacat	180
aacntcangt	actgcagctc	acacaccctn	tgcnaggcng	aatnantngn	tctgcctcgg	240
gatacnaana	atntcggctc	ngcctcagng	ctaattgatch	tnatgtngtg	tnctnnagta	300
nntgctgtat	ctgngtggtta	tntntgccaa	actctagnta	ntgatcttat	gateccctnt	360
ngaantaana	tggggttctt	gantgnectga	gaacgacttg	cacaatngnt	tnattgtggc	420
acgtcatctn	ncaatganta	nnnagnctat	tnnccanggn	anactcngnt	cntacntggc	480
nctaagcact	ntnttgncga	tnngncancnc	tctgtgaaat	ggaattacng	ntattcatgg	540
ntaattacnn	attttggccc	nctttctgtt	tnacaatga	aggcttaaan	ctaantgtcc	600
aaantgnata	atgntccctt	aattanaagn	ctacttcatt	caagtganaa	nngnccgtaa	660
tnaanncnta	ctctncnact	gcataatatn	nnccnagga	ctnn		704

<210> 4847

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 4847

agntntttcn	atttctnatn	ttgttctttc	tgaggatcc	catcgattcg	aattcggcac	60
gagagcagct	taagcagcag	acgcaaaatc	gaatgaagct	aatggccgac	aactacgagg	120
atgaccactt	caaatectcc	cattccaatc	aaacaaatca	caagccctcc	ccagaccaga	180
tcattccagcc	cctcttagaa	cttgacaaaa	atagaagtaa	attaaagttg	tacattggac	240
acctgacaac	cctctgccat	gaccgagacc	ccctgatcct	ccgtggactc	actccaccag	300
cttctataa	cttgagcagat	gaccaggcgg	cttgggagaa	tgagctgcag	aagatgaccc	360
gggggagcgt	tcaggatgag	ttagagaaaag	gtgaacggga	caatgcagaa	ctgcaggagt	420
ttgccaaacgc	cattcttcag	cagatagcag	accattgtcc	cgacatccta	gagcaagtgg	480
tcaacgcctt	ggaagagtcc	tcttgacctt	gctttatggg	gaagcctgag	gtagtcaacc	540
caggagccaa	gaaaagagaa	ctacgaggaa	cagggtgccc	gaaccttctt	ggcaccaaac	600
actacaaact	tcattcccaac	ttgctcactt	gaagaagtgt	gattncagca	cccgtttcta	660
catctgccat	cttactctgc	ctttctgctt	tggatgtggg	ctctacacta	accttnttga	720

tgtccanggt agatnaangg tcgaatcttt ntgnaaaa

758

<210> 4848
 <211> 1030
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1030)
 <223> n = A,T,C or G

<400> 4848
 gcgtencact ttgaancttc naannngggg caatcnaatc gcncnangnn nctaggtann 60
 cgaattcggc acnagagcag gcgcttggn cctaagggtg atgttagagt agtgattatg 120
 gtcagcgtgg gtgctatnct ngtgttncag nttttcanct ggnggaatag ctacaataag 180
 gnaatcagct acctagccac agngcccaag tncctgtntcc aagctacnga gattgccaag 240
 cancanggac tgntcaaaaa agccaaataa aaaggcnaaa acaaaaagtc caangangat 300
 atccngnacn aggangagaa catcntaaag aacattataa aaagcaanat antatttana 360
 ggggtgntctn tcagnaacnc caaatantgn gnacntcct ctgtatnana tcaatcctag 420
 ctccntntnn cctatnctca tatecnannc tggcatangt cnggagagat ctacnntttc 480
 aacatcaanc ggntnnnnnat tatggnanag nantnacaga tcantccatt ctacnntaaa 540
 tctatnaccn ngtnnactnc tctattnnaa tnnnactatg aanatnctct naactaaanc 600
 ntttctttta nncnaaaanc ctctgtnnct ncatggnnnn aattntttac ngctcttnc 660
 aaaccnncna nacacncacn gancntaatc ttcacaanta nnaacantct gngctnanct 720
 cgaacncccc tnaattggct naccannatc ntccactggg atcatnccgt antggantta 780
 aanngcaact cggntctctg nggntctnctg nattncnaann atcnnnnntgc gnntatttnt 840
 cttgcacaca atatannctc ncgnaatttn ncntannctt nnnnctctca aatactctct 900
 ctanacatag agcaattann tntctgatna tactntngac cncgtcanc acnacngnca 960
 caanannata tcattgtaca ttcantatc tgtngacttt acnacagtc cngccaatnt 1020
 aacaaacnnt 1030

<210> 4849
 <211> 761
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4849
 cnttncctna ncaggatatg ccattncctt ttntgcagga tcccatcgat tcgcctgtcc 60
 gagagagccc cgctcacggg gcacagctgc tacttttttag gccntgctgc acttccggac 120
 ccactgcttc aactggcact ccccccagta cgagtatgcy ttgagacatt tgtacgtgct 180
 ggtcaacctt tgtgagaagc cgtatccact tcacaggata aaattgtcca tggaccacgt 240
 gtgccttggt cactactgaa gagctgcctc ctggaagctt tccaagtgt gagcgcccca 300
 ccgactgtgt gctgatcaga gactggagag gtggagttag aagtctccgc tgctcgggcc 360
 ctctggggga gccccgctc cagggtcgc tccaggacct tcttcacaag atgacttget 420
 cgctgttacc tgcttcccca gtcttttctg aaaaactaca aattagggtg ggaaaagctc 480
 tgtattgaga agggtcataat ttgctttcta ggangtttgt nggtttgcct gcagttttga 540
 ggagcaggaa gctcatgggg gcttntgtac cccctttaaaggaggatcnnnt attctganaa 600
 ntngaancctg aaacctttnt aaatcttcan aaangatttt attngaanaa ggncnncnanc 660
 nccnaaaangg aaaacnnnnn tnnnaaannt natnantttt tgaaagnnnt ngnttttnaa 720
 actannnnng nnnncnnaa ccaancnnnn nnnnaanacc n 761

<210> 4850
 <211> 863
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(863)
 <223> n = A,T,C or G

<400> 4850
 ttnacatcaa gctcttgntn ctancccccctt cctcgattcg aattcggcac gaggagagag 60
 agagagagag agagagagag agagagagag agagagagag attnagagag agagagagag 120
 agagagagag agagagagag agagagagag agagagagag agagagagag agagagagag 180
 agagagagag agagagagag agagagagag agagagagag agctnaaggg aaggctgccg 240
 ggaaggcaaa tggaacagga atggacctgt ctcanagaagg ccagctgcan gtcctccaca 300
 aaatcaaaga aggggaagaaa ctctgagttt gaggtacagg ggcttcnggg tgcacacgtc 360
 cctccagggc ccatgggtcag tattgcacct gtgttatgaa ccccatatc tgtgcagggc 420
 agggggcggg gctgctgttt tattggggag gggagcctcc taaaaatggg gtccagggcag 480
 acccctccag acctcacact gncgaggagg cctttcccaa aggggcgttc tccccgggat 540
 gcanaccgna tgttttgtgg gaaaccnccc tttaaatacc ccacaccgac gtattccttg 600
 ttcctgactt tttcccggt tntttgtttt gaaaaatacc tgttngtttc angcctcntt 660
 ggatcttaaa atgggcaana ataggggaacc tttttttttg tcaccaaaaa aaatacctgg 720
 ggggggaaaa attgtttgtg aaaaaataaa gacntttttg ggaccaccac caacnttttt 780
 tggggggcct tccacctga anctttccaa ntttttttta aaccatgggg anttttattn 840
 aacctttaa tggtttttct tgg 863

<210> 4851
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 4851
 cgcggggcna agcgnagcnc ttcccaacnn ccttggatcc nategncccg aattcggcac 60
 gagtatgggc ttgnagaaat gctaccgttt ttttncccg tnanacntgg atccccgaaac 120
 tgnactaacg tnnagtatca ggcnnaatgn cnggaaaggg nnggcttatg naggcaacta 180
 cagatagtgt taagggatca tacagaagat attgatgata gnngaaatat tcttagaagg 240
 ggtgtgtatg tctagctgng tctaccatgt gtatgtatc ttgacaagca gtataaaata 300
 cctgtgantt ttctttacat tagggataat gcataaggaa ttaattctca tatatattat 360
 catcccta at gtagcagggg gaagtattta attgcccag atagtatttt tacttatact 420
 atgccagaga ggaaacnata aagnaattac acatgtaatc ntgggttntt cacatatgta 480
 ggtatncatt tngagttagt tgaagaaaga aaaaaatat ttaaatgaan tgaattcctg 540
 atgggatagt ancaataagt attttaaagc cngtattcna aaaataataa aggggtacgg 600
 cattttttgag cttgnnttc ntttgctacn ggaaatantc caaannaaag ngntancant 660
 ggcaccngct ggnetcaacg cacntattgg naaccgcact gganaggatg aacaaggggt 720
 nagncaatag caaaccccta taacattccn ggccaaanac c 761

<210> 4852
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4852
 ttgaaccttt ntacancctct tgtttttttt gcaggatccc atcgattcga attcgggcacg 60
 agaccaagta gaccagaaac tgaccattct cagtccctact tcagaaaaca acaagaagct 120
 tttcaatgat ctgttttaaaa ataatgcaaa ccgtgctgaa aatacagaga gaaagcaaaa 180
 tcagaattat tttatggagg tgatgactgt agaaggagtc tatgattacc tgatgtatgt 240
 aggacgggta gttttccagg ttcctgactg gcttcatcat ctcttaatgg gaactcgaat 300
 cctcttttaa aacaccctgg aaatgtatac tgattactat cttcagtgt aactagaaca 360
 gctatttcag gagcacctgt tggctctcact cataacactt ctcagagatg ctatattctg 420
 tgaaaacact gaacctcgct ctctccaaga taagcaaaaa ggagcaaaac agacttttga 480
 agaaatgatg aattacattc cagatctgtt agtcaagtgt attggtgaag aaaccaagta 540
 tgaaagcatc agacttctgt ttgatggctt acagcaacca gtactcaaca agcagctgac 600
 ttatgtttta ttggacattg tgatacagga actgttttnc gagctcaata aggtcaaaaa 660
 ggaagttacc tctgtgacat cttgggatgt aaacactttg ggatttggtg tagaataacc 720
 cattgaaatt tctgctgtgc cgaagggtgt agaaatttac ttttttgggt atatcttat 779

<210> 4853
 <211> 825
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(825)
 <223> n = A,T,C or G

<400> 4853
 tttccagttt tanttttttc ancttttnga tcnntttgca ggatccntct tttcgaattc 60
 ggcacgagat tctccctaaa ttgtngatcc cactgtttac naaactgttc tnttggtgctg 120
 gcntgctnan tgctntgtag nncctttctg nacnntaggc attgctcttg gagaacnnga 180
 tgtgctttnt ntnaaaanggc anaccagnn tgnnctgnnt ttaatgatgc agancctnac 240
 tttatccaca cctggcccggt ttnacatttn agtaangnac gatatttggc tgatggctga 300
 acantttctg aaatacacnt ttagtgatag gaantacaag accnntaaag gnctgccagg 360
 ttancatctc atctngcatt cnnntccttt ggcnanaaaag gganatntca gaattatatt 420
 tcttgatggg gtcttttcaa tcantgtatc tgtcgaaaann tcttaganaaa anctatgtgn 480
 tcncggtgtt gtctaaaaan atnctttcaa anatgacccc tggaattncc tganananangc 540
 ttaaacgtga gaagacnggt nggcaaaaaca ccctncnaag gttnttggn angcccnant 600
 ntgttttgtc tggcccatat aancttngcn ccattnaagc cncggngag ctttgnatnt 660
 atattngngg ngttactttc tttgnnccct tgcggggaac ancttnnata atgcttntcn 720
 ncccnanntg gacntttgct ttttgnnncc nnaccccccc aaaggngngcn cacctccant 780
 gaaaaagtct ttttnnaaaa gggctccttn ctnaaaaaaaa nnnnt 825

<210> 4854
 <211> 1090
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1090)
 <223> n = A,T,C or G

<400> 4854

gaaaggaagc	acgcaaagca	actcccagca	gcateccagc	naaaangccca	gaggaaggna	60
cnnnngcagna	cnaccncnc	gngcaccgcn	ttnttttccc	cagtaggnngn	ngacacgccca	120
acnnnnngggg	ncncngngga	caagaggcng	ancccaaaac	nngacagggc	aaggaccenn	180
cagacncggg	gangngacc	agagcgcggc	cnagcgagaa	acagccngcn	accgnnaggc	240
canaaancan	gccgctgaag	gganccgggc	tccggccnta	aacnccanca	ctgacacgac	300
ccagcaaacc	ccncaagagg	aaaaagaccc	ccaaggggna	aacacaagcn	nagggcangn	360
ncacggggga	cccccgaccg	ncnancncgg	ggaagccngc	cgnangaacg	gganangnca	420
cnangggngc	ataagaccna	ccacncaggg	ccnaccangg	agaaaaaaan	ancgnacnan	480
aaaggncaaa	ccgcaacncc	ggaaggggca	cccacnaagg	gggaaccccc	naangggctc	540
gnaccggggc	ccantngcca	aagnnggnnc	cccncaaacg	acccggggggg	ncnaaacccc	600
cccggggggc	anccacncan	ggggggganc	cccaanggan	ggcaaagccc	ccaaagcccc	660
nccgggggga	acccaaaaan	ccnnggagcc	cngngnccca	naganacngg	aaacccggggg	720
gacgncccca	anacncagac	naaaaaagcg	ngggancccc	caaaaaaagc	aaanngcaca	780
cncccccgag	ngnacnang	ncaanggggg	naaagacaaa	anagaccccc	ngganaagan	840
ccccnnaaag	gccccacggg	ggaaacnngg	gacncncagg	ggcccccccc	nggggacccnc	900
ggggngngcc	nanaacccnc	aaaaaacggg	ggaaaaacncc	cccccccaana	aaaggccccc	960
nggacnnana	anccccccnc	ccngggaggn	nncccnacnc	cccnngnncc	cnangaaaaa	1020
cnanannngg	gnaaaaaccc	cnngggngnc	caaaaaaagg	gggaaacccn	ccgagggggg	1080
ngannccccg						1090

<210> 4855

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4855

gctaannngcn	ggctactngt	tcttttttgca	ggatcccatc	gattcggaatt	cggcacgagg	60
gntgggggnnt	cgncggncnc	gctangnnng	ccatacncaa	tntnnagagt	ctanngnntg	120
taannttgct	gcttatatgt	acctgtgctt	atattcganc	ctngnnncnc	atncttctgg	180
acngaagtaa	gactggattg	ttgggtatat	taggggnann	gtgccagaga	tcngtgaacg	240
gcanaagcct	tatgtggcnc	antgcngtgt	aatantggcc	taaagnatcc	tnttcanaca	300
nnagctgnnn	aaaatgccnn	antgtagcan	ncatnntatn	agnttggnnaa	canngactgn	360
cngcccaana	taanggctgg	gatgttgaaac	tctggantct	ncgaacattg	ngtgaganan	420
attgncngan	gctgtantct	nttttaattg	gatnggncca	atgnnctgta	taaaccntta	480
ngatgtaccc	nttnnatatt	cngtaccnnt	natcctcagt	antgtcacta	cagtatcaca	540
tantgcatat	gttatcctgt	tgtancagat	actgaactta	gtgaggtntc	nctaaggcac	600
ntagananaa	ancaannttg	gttanntnct	nnctgtatctn	tactgtgan	ttgcanatga	660
tntantcttt	atanaatgng	anccttttac	cggncctaant	tttnaattaa	aatggctnat	720
tntgtgttga	taaaaaaac	tcgagcatat	ttnnaccctc	tngaactata	nttgagtcn	779

<210> 4856

<211> 1776

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1776)

<223> n = A,T,C or G

<400> 4856

ggnggagggg	nnggnttttn	naggngngnt	ttannngtgg	ggaaaaaacc	ccttttttnt	60
taaaaaannnn	actttggggg	gaaangnnng	tgnanatan	cggcctnnng	ngananagng	120
agtcgngngg	ganagngngg	tgnnnnnnng	agngatatag	gntanganta	gtananggat	180
anannagagca	gngaacngta	gttttttttn	agngaganan	nngagnnaan	aggnanacna	240
tnanaganng	ggggggggcg	caanggggtg	nnaaggcgag	anncnaactc	gnannanaan	300
tgaaannnnnn	anacngtggn	ananantgag	cgnggatnna	tnnntgcaan	ncataagaan	360
tnagnaatgna	nnntgnnngn	acaaannnct	ncganagnnn	gcaagngaag	ncgnancnna	420
cnnnagnngna	gaagnagtgn	nangaccnnn	aanggantnc	ngagaggnnn	nanaaggatg	480
nnnannnnann	gnaganngnn	gaananaaga	ggagacnaac	tatannagnt	agnntgcnca	540
nngnaganna	nanaagcnga	naganannnn	tgngagnann	canangnggn	anntaaagnn	600
nnannacgta	tangagtgtg	gtnagaactg	aaganaanna	ncacgnaaat	gaanaacatn	660
cnngganacna	nnccaangaa	aatatcacgc	tganngnaga	tagatanacg	ctcnntatng	720
anncagtnac	tgtganatct	gcganangac	ancacngnna	gntnnacnac	acagatgnan	780
gctnananan	gnagcagagt	anaagacnng	gagnngngtn	cgcanatatc	gatatnaagn	840
ntacganagt	gannananga	anantgantg	aggataacga	nnagnnnngt	ntatnnnggn	900
tnaggngag	agntanantg	ctgcncncna	nannanngaa	tncagcgcn	gncgancang	960
nnanaatngg	gnanngan	anantgtann	nanagcaang	ntannagtga	ctntnnngta	1020
atngatngag	nnagnngana	tgagtgtctc	gncnntagcg	aganantacn	gngaattntnt	1080
anagagntgt	agagnagcag	cananannan	tntcngngtn	naangtagag	agcganggan	1140
actnnntagt	atanncagan	acgangangn	ggtgtgnann	cggagtgtag	agncgattag	1200
agagnaaacn	nngncacggt	gtatnanaga	tnagacang	angagaactg	cnnacaagna	1260
nnntannnaat	angtacnnaa	tgngancata	agtatnacac	aggtnactnt	atanngnnca	1320
tcaacgcncg	antntanaaa	cnntagnttn	acnannaaag	ctacgttctn	nncnagaaga	1380
agnactnnan	ganntngagc	ngcacganaa	gtatcgtngg	aacgagcant	cgtnnatgag	1440
anagtanaca	ngcaaanagg	aagnnnagna	acagtcacan	gncagangaa	acatnctcac	1500
nngnnantta	ncgnnganac	gtaaatgtag	acacgnagga	gatnaannng	atatgangga	1560
nannnaaaga	gtanatgcgt	antngnatna	gananganan	aagtnaagag	antgacnana	1620
tanatgatnt	anganagacg	ganganataa	tctggaagcg	nggaanagan	tagagatagn	1680
ngaganggat	cnngtanaca	gntcnnngnc	nnctanatga	ganngnncaa	ctgtnataac	1740
gatntannna	ggnagatcaa	gaatatacn	tctcct			1776

<210> 4857

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (747)

<223> n = A,T,C or G

<400> 4857

gttaatctct	agcnaggctc	ttgntntttc	tgaggatcc	catcgattcg	aattcggcnc	60
gagggttaana	gaatnaaaaa	gaatgattga	agccttcgag	acatatggga	tactataaag	120
ccaccacata	tttgaatcat	ttgggtccca	gaagacagag	aacaaaagga	ttggaaaact	180
catctatttt	tttgttatta	aataatagat	gaaaacttcc	caaactctatc	aaatgattta	240
gatatccaga	aacaggaggc	tccaagatcc	gcaaacatat	acaatgcaag	aaagtcttct	300
ccttggcaca	ttatagtcaa	actatctaaa	gtcaaagaca	gaattctgaa	aaaggcaaga	360
gaaaagtgcc	tagtcagttg	ttaaagaaaac	cttatcaggc	taatagtgaa	tttctcagca	420
gaaaccttac	aagccaggaa	agaatgatac	attcaaagta	ctgaatgaaa	aaaatgctat	480
ccaagggata	ctatatctag	caaaaatatt	ctttgttaact	gaaggagaaa	taaagtcttc	540
cccagaaatt	gcttaaggga	gtcctaatec	tgggagcaaa	atgactacat	ttaccatcat	600
gaaaacttat	gaatgtgtaa	aacctgctaa	tanagcantc	acacaaaagga	ataaggga	660
gtaattaaat	ggtcctgtac	nggaaaacca	ccaaccana	attggaanaa	anaattnanc	720
ttnaaaaacc	tcgagcctct	tgaactt				747

<210> 4858
 <211> 1197
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1197)
 <223> n = A,T,C or G

<400> 4858

agggggtttac	actnctaaaa	ttnttgagct	nncgntgggc	gnaaaggggg	cnccttaaaa	60
naanttaagg	ccnccctnaa	aaanaatcag	ggannattnt	gggggggctt	tgnggggggg	120
gtcatctatc	nnnacacnt	aantntatta	cncatagata	ctcaattncc	ntctctagna	180
natnnnngga	tctttntcgg	ctntnnancc	netctacta	ttactnctna	aacgtncenn	240
catantctnt	ntacacatat	atctnanata	ctatacatat	antntcatan	tnntactact	300
ctnatntctc	ntctacatct	ctanttatnn	ntcnntcnct	ntctnctnct	tantctcata	360
tctnnacgac	nnactatctt	tnctccnntt	cctnctntcn	cnntntttanc	cccnatnann	420
atctntcacc	ntnnattttc	naatactcta	tctattantt	aactatctnc	tntttcnnnc	480
nnntnnnnct	atnnnncttc	tananaactcn	tecnctnnnc	tnntnnnnnn	taantcnntn	540
cnntctctnn	tnnnnnntnn	tgnnnancct	nactaanntc	ntcnncntcn	ntnattanna	600
nattnttaca	ntctctccct	ncanctnnnn	nattntatan	tctntttnc	nnttcantnt	660
anatntntn	ntancnntc	nntaattcaa	nattnatntc	atctntnnnt	nttnancaat	720
nacaatnacc	nccanntcac	ctaatnttna	tcncatacna	cncennnctn	tancennata	780
tnactnennc	anttcnntnt	natctctnnt	tnacacactc	cnnngantat	actnntnaca	840
cttcttatat	nntntacntg	tnatacactc	tnacntana	tatnnatcan	actnatanaa	900
agcatactat	catcttacct	nctntnatat	accatncacc	aatcacttan	tnatnctac	960
tcannacanc	tcacatatn	actcatnct	aatatgtctc	tataatnntn	catctactca	1020
ntcacnnnna	ctctntagat	atatnctata	ctncanctna	tatntatcna	ttcatctaca	1080
nantnctcn	catctnttgn	nctatacnat	aattgtntct	catatntntt	tctctacacn	1140
nctttatctc	gatnnttatc	ntgtancnnc	nntntatcta	nataatnecat	atcacat	1197

<210> 4859
 <211> 767
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(767)
 <223> n = A,T,C or G

<400> 4859

gaaanccctt	ttgttactnn	gtnccttttg	caggatccct	cgattcgaat	tcggcacgag	60
ggggattcat	aattccagac	aggtagagaa	cggttttatt	tatgtagaga	cagagtctcg	120
ctctgtcgcc	cagctgaggg	ggggagaatc	actttgacct	gggaggtgga	ggttgcgctg	180
agctgagatc	attacactgc	actccacctg	ggcaacagag	tgagactatg	tctcaaaaaa	240
aaaaaanna	aaaaaaaact	cgagcctcta	gaactatagt	gagtcgtatt	acgtagatcc	300
agacatgata	agatcattga	tgagtttgga	caaaccacaa	ctagaatgca	gtgaaaaaaa	360
tgctttatatt	gtgaaatttg	tgatgctatt	gctttatttg	taaccattat	aagctgcaat	420
aaacaagtta	acaacaacaa	ttgcattcat	tttatgtttc	aggttcaggg	ggaggtgtgg	480
gaggtttttt	aattcgcggc	cgcggcgcca	atgcattggg	cccgaccaca	gcttttggtc	540
cctttantga	gggttaattg	cncgcttggc	gtaatcatgg	catagctggt	tctgtgtgga	600
aattgttatc	cgtcacaatt	ncacacacat	acgagccggg	acataaagtg	taaagcctgg	660
ggtgccta	gagtgagcta	ctcacattaa	ttgcgttgcg	ctnctggccg	ctttccaatc	720
ggnaacctgt	cgngccactt	gcnttatgaa	tcggccacnc	ccgggggn		767

<210> 4860
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (761)
 <223> n = A,T,C or G

<400> 4860
 ngnntttaag atcannccaa gcgcttggtg caggatccct cgattcgaat tcggcacgag 60
 gaccacctac ggaaaactga ggcccacata agctcgattg gttgtacctc caacagatat 120
 ttattaagca cctactaaat actgagccca ttgcaagcac caggggaagcc tctgtgaaca 180
 gcacaagggtc cctgctctgg agattctgct tcagtgggtg agacagaaaa taaacagttt 240
 cccgtcacca attttccttg gaattggaca gatggcagcc accataatga tactatatgt 300
 gtccaagcta aacaaaatca ttcacttccc tgattttgat aagaaaattc ctgtaaagct 360
 gtttccctctg cctctcctct acgttggaaa ccacataagt ggattatcaa gcacaagtaa 420
 attaaagcta ccgatgttca ccgtgctcag gaaattcacc attccactta cttacttct 480
 ggaaaccatc atacttggga agcagtattc actcaacatc atcctcagtg tctttgccat 540
 tattctcggtg gctttcatag cagctgggtc tgaccttgct tttaacttag aaggctatat 600
 ttttgnattc ctgaatgata tcttcacagc ancaaatgga gtttatacca aacagaaaaat 660
 ggacccaaag gagctagggg aaatccggag tctttctaca atgcctgntt tntgaattat 720
 ccaacttctt attattagtg gcttccactg anaacctgnc t 761

<210> 4861
 <211> 984
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (984)
 <223> n = A,T,C or G

<400> 4861
 tngnnttttt taaaaaccag ctacttntta tnaaggcagg cnaccgattc nnattgcggg 60
 angancatng attcngcccc ctgcatgatg gtggcngaac tnnntgcccc aagtggggcc 120
 tggganccca acaaccccaa cangccgncn cggtnaaccn acaatatcaa cccgcaaacc 180
 ccagggacgc cggccatgta caacacagac cagatctctc cctatgctgc cccctnccca 240
 caagggtttt tncanccca tgcccagccc ccanagctac caccaagtggt tgccaanccc 300
 agcanctac catnaatacc cantccccat ncagggtccac cntacaccgt ntaccatggt 360
 ctatcaggct atccccancc cgagcncctg ttggctacag gtctatgaca acctggnagc 420
 tccctntccc atggnggggt anaaanccca acaaaactgc tcaaggcttn aagggtattn 480
 tgaagcgnga aaantttcgg gcagaacttg ggggttnaccc nacctgggnc antttntaag 540
 ggtngaaaaan ggttgccggg ggggaanaacc ctttactcct tgggaattaa cnaacnaagg 600
 gttgggggtg ggggaacaaa cnaacaaagg gggnggggta antccccccc cngtnngggt 660
 nnaacnggggt tcccccttg ggggggcccc caaaagggtt ngggnangng ggttnggagc 720
 caaggnaaat tncnctntt ncctttnggg gtancccccc ctttaaaact tngggaagaa 780
 aaagaaaact tnnntccna aaattgggtg naanagnccc ccaaaagnng ggcaaaaagc 840
 ttggggattt gngggaaacc ntaaaggggg aaagggggag actttttnaa ancccaaagg 900
 ganggncttt taacttgatt taaacggggg aaannaangg agggnttntc tggggaaagg 960
 anaaantttt tgccaaaana ccnc 984

<210> 4862
 <211> 772

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(772)
<223> n = A,T,C or G

<400> 4862

ggnnnnggttt	anancagctc	tngatctcng	tgcacgance	ctcgtttgna	tgatcnnatc	60
gattegctca	ngtcggntgc	catttatggn	atnactttat	tttatttnat	tgcatatna	120
tatnatnttg	agacagagtc	tcactctggn	accangctg	gantgcagtg	gccggatctc	180
ggctcactac	aaagctctgcc	tcctgggttc	acgccattct	actgncctca	cctncngagt	240
anctgggact	ncaggcgcc	gccactgggc	ccggctaagt	tntngtattn	ttagtagana	300
cagggtttca	ccatatnanc	caggatggnc	tcgntctnnt	gaccttggtta	tctgcccagac	360
tngacctncc	aaagtgcctg	gattacaggc	gtgagtnacc	atgcccagnc	tcaagtaggt	420
tttgaatgaa	tttctcatat	ttttaaagta	caacattatn	gcaataacag	gactattnca	480
cttcttttct	aatttgata	atggatagat	nacctaagt	gtnatangat	ggctcaacct	540
ccgtacaatg	gtgaatccc	nntcagtnga	aatctcgcc	nggtgtcaac	cttgaacana	600
agccctagt	natnaccatt	tngtgnatta	gcctttggtg	tttagttttt	cacctgggnt	660
taactgnnng	ccttaaacct	cnttnagctc	aagtggaccc	tccnacctt	taaccggccc	720
cgnattaagt	tgggggance	atttgggcct	ttgcngccna	ccccnggccc	cc	772

<210> 4863
<211> 848
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(848)
<223> n = A,T,C or G

<400> 4863

nnnnnanngg	nttttatnct	cngtnnnenn	tttnnaan	ggnangcnac	tggtncgaat	60
gcaggaccca	cnatttnaat	tcggcacgag	anggccttan	gctttttttt	tgtaggggtga	120
gagtggggga	gagatctctt	gctctgttgc	ccaggctggt	ctccagctcc	tggcctccgg	180
cagtcctccc	acctcagcct	cccagagtac	taggattatg	ggcatgagcc	accacacct	240
gccaggcttt	ttatattgag	ttggttatat	atgcttcata	gccacacttt	ataatattgg	300
agtatagtat	taaattacag	cttgttggtc	agtcagngtt	tctgtaagac	agtatatnca	360
atattggnta	gagtaacacc	tatttggtga	tacaagatca	acagggtgtc	tctgattaat	420
ttagctccta	catagcccag	aagcnagttc	attatgattt	agaatattgt	acatggttat	480
gcaaggaatn	atnccaacct	atntgtgttt	atanggtcag	atgatgttca	gatttatatc	540
tgctgatagn	gntntnttgc	ngggaaaacc	tataaaaacc	cttcngactt	gttanaaaca	600
gtgagnaaag	ccnngattgg	aaatatttaa	ttacaaccct	cgtgggnatta	aaattttnan	660
tttaccattg	ggaatgggtta	aaatgctngn	ncattttgna	anntttgtta	aaanccttgn	720
ntccttttaa	aacnttttga	aataaccctt	gntctanggg	gaaaaaangt	attnnaggc	780
ccnaaaanaa	atannanang	gggaaggngg	ggggattttt	ccaagtnccc	centatgttt	840
ggggggcc						848

<210> 4864
<211> 769
<212> DNA
<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (769)
 <223> n = A,T,C or G

<400> 4864

tngeettang	gtnncccttc	ccatgcactc	ccacggaaan	gccncccat	cgtangcgca	60
gcateccat	gaacaggcgg	cgccgaagg	atcctgcccc	tnactctcnt	tttctgttga	120
accatctgga	attcacaggc	ctgtcatgag	agacacgatg	agaagtcctt	aaaggtagat	180
cactgattca	caggggagca	ggcggaggca	agggtagtgc	agtgccttga	actcagtcac	240
ccagatttgg	ctctggaaac	ttctgaagct	gtagcctttg	gggatccctg	actgcgagta	300
caggaagcca	acgctatgtg	gtcttctgga	aactcattat	ctttttcact	ggtgctatct	360
gggaaaaaca	gatgaaaacc	tgaagggtgt	ctgtatgtgt	gctttcaaaa	gcaaggatct	420
ggccggacgc	agtggctcag	gcctgtaatc	ccagcacttt	gggaggccga	ggcaggagga	480
tcacctgagg	tcaggagttt	gagaccagct	nggccaacat	ggcgaaaacca	tctctactaa	540
aagtcaaaaa	ttatctgggt	gtgggtggtg	gcacctgtaa	tcacagctac	tcaagtagct	600
gaggcannaa	gaatcanttg	aacccaagag	gccaaagttg	cacttgagca	caagatcaca	660
ccactgcact	tcnacctggg	tgacaagaat	gaaacttcgc	nctcaaaaaa	aaaaaaaaaa	720
aaaactngac	ctntanaact	ataggggagtc	gnattccgta	anncngacn		769

<210> 4865
 <211> 717
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (717)
 <223> n = A,T,C or G

<400> 4865

gggnnttnaaa	tatcagctct	tggtcttttt	gcaggatccc	tcgattcgaa	ttcngcacga	60
gggtctangnn	gatgtctntc	naatcatggg	ntgtccntnt	nttttgacac	agggccttgn	120
cttattgctc	angctngagt	gcagtnagct	gtnatnncac	tgctgcncct	cngcgnannn	180
gtnanaatan	tactctgnnt	nngannga	naantanatn	gntaccenna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtct	attnttncat	cctatcacaa	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaac	aatnctgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncactta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgntgct	atatctggaa	gtatctntaa	anagtttgct	gggnnttntc	cactgcttaa	600
tentactaga	cntatncatc	tgccatctnt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4866
 <211> 1403
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1403)
 <223> n = A,T,C or G

<400> 4866

gngacgttgc	aaaaagcctg	gggtttccaa	aagccttggt	tgacgcccc	cgtttggang	60
gcggttngcn	aacgcncna	cacgcgnnac	nngnnnact	gagacnagca	anggtgncaa	120

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nggncagann acaaggangg agnctnnntg nacgcgcggn tttnnccggg ggnancnang 180
ggggggagaa cnnnccgggn ggnanaatng ggcgngnnng caggacnca ncanatnecg 240
aaagnnnccn nggnanccgc agnccggngg acangcgnet gancnnngan nnagnnannng 300
agnnaggaga ggngngcccc anggaganng gnacggacnn ggagnganag ncannncaen 360
cacggngcnn aaganaggga nanncnngnn gcaaaggggc gagnaannng ggnantnann 420
ganagangan gannggagna gnnnagngan nannggaggg ncncngnnag tgcatacaga 480
gaangggcag nngaagcgaa aacgccacaa nanggcnncc nnggngcnna cnnnganaga 540
ncaacncggg nanncagcng gacgacgagc agcanancgn caactagcan aggananaacg 600
gaannnggcc ncantcggcg agnanaaaaag aaagccacng cnaaacgcac gnagncacna 660
nacgaccnca gnggnncacg gggcanacag nncncgacgg cngcnnannc taancagacn 720
cacagcgcaa aaatggggga gacatgacaa nnnngacagc ganacaccac gacaaaacgcg 780
cnggcananc anagcgccnc ganaggacng acggngaaac cngcgcacagc nccacacaca 840
agcncagaga ggnnntacac nctagngaca ngagaggngn cngggnaagc gcacgagaac 900
annaacaccg acagagcang agcgnnnana gcaaagaccg gacncnagna cgccnanang 960
acacggncng nagacannag agnannagng atgngngacn aacggngccg aanagaagac 1020
gnacancgca ngaccacaaan gnacnnannc accagagaa gaagagnaga acgnacacgn 1080
acnagcagca agaccacnga gacntgaccg ccacagaga agcacngggg gacgcccna 1140
gaaaanaang agagctgcgc anagagcaca gaancacgat gagaacggnc cnaaacgant 1200
ncacgcccac aacagganan nctgggggca nacaanagag agcaggtagc caanacngnc 1260
gaanagnccg agcanagaga cntgggngng ggagnagcag ngngngnnca nccagaacaa 1320
gaaagnngga cagnacngcn angcantagn nanaangnaa gnnattnnng gntngncagc 1380
gaanngtnaa gcggagngnn cgg 1403

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<210> 4867

<211> 1019

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1019)

<223> n = A,T,C or G

<400> 4867

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gnnggnnaaa nnggctttta aacatacagn ctacttggtc tttttgcagg gatcccatcg 60
attngaattc ggcacgaggg ccaccgaaga gggcaccagt gtcttgtcac ctggactnca 120
catangacta atnntgntac tggcaataan gatctatana angtcngcna ctgatgtgta 180
tgaaaagcat acntgactnt atatncta atngggatgt gannttncta aagtntnaca 240
ataattngtg ntancatcac atgaccaann gttaactant atcttgagga cactgacttt 300
ntggggccat antnttttga ttttanacca agaactnta atnatntgta tcccaaatat 360
gntgctcctt ntngganagn ccaanggetg atttnccnt ncactcttna tnttggttg 420
ancaccta anaggtagtnt tctngnnggn cctngnaaaa antnttccan aanantaccc 480
gtgtgcentn ttanaatnga ntaattgtcn naaaattaan ntaggcnntn gnnncaaaan 540
naaaaggcct cccctttgaa aaacaangtn attttgaaan aangataaat cmntntnnag 600
ttnatcannn nanannnana tntgtcnaat ncntctana tttntaccn nnntntagta 660
nnattcntaa aanntanaga cntttttccc tntgaagna nntntgggc ntaannaann 720
tnngntnann nntcanctn gncngntn nnnnnattcg ngtaatatgg annattttn 780
nanataaaan anantttctn nntgnangac nntactanac aaanttttaa antnngttct 840
acancctnt tttananta nanantcnga tatgaatttc aatctcccna tntgttnan 900
ataatcaaat nnanattaaa ttttnataa ccttattaaa acctctttna tgaagnatcc 960
aattntgat naatncntaa acnatgntat actnnnatat ntnattatnn antgncgg 1019

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<210> 4868

<211> 786

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(786)
 <223> n = A,T,C or G

<400> 4868

tgnnnnncgt	nagaccagct	tttnaacata	caggctactt	gttctttttg	caggcatccc	60
atcgattcgc	atccctggag	cagcttccaa	cactacttca	gggtggcagt	gtttggggca	120
ctgggcgagc	ctgccggcct	ctagatggcc	tcctctcttc	cttcacacaa	ctgtctagaa	180
ccaataaaaag	gaaacctgcc	aaaaaaaaaa	aaaaaaaaact	cgagcctcta	gaactatagt	240
gagtcgtatt	acgtagatcc	agacatgata	agatacattg	atgagtttgg	acaaaccaca	300
actagaatgc	agtgaaaaaa	atgcttttatt	tgtgaaattt	gtgatgctat	tgctttattt	360
gtaaccatta	taagctgcaa	taaaacaagt	aacaacaaca	attgcattca	ttttatgttt	420
cangttcagg	gggagggtgtg	ggagggtttt	taattcncgg	acgcggngcc	aatgcattgg	480
gncccggtac	ccagctttttg	gtcccttttag	tgagggttaa	ttgcgccctt	ggcgtaatca	540
tgggcatagc	tggtncctgn	gtgaaaattg	ttattccggg	cacaaattcc	cgccacatnc	600
caanccgggg	gccttaaagn	gttaaaacct	ggggtgccta	aagaagtgan	cttaactcac	660
catttaattg	gcgtttgccc	nttaaatggc	cgccttttca	anttcgggaa	aaccttgtec	720
ntnccaagct	tgcanttaaa	tgaaattggc	caaacgccnc	cgnggnaaaa	ggccggttnt	780
gccttt						786

<210> 4869
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(755)
 <223> n = A,T,C or G

<400> 4869

gntnatgacn	tnaaactctt	tggenagcag	gtccctcga	ttcgaattcg	gcacgaggaa	60
tcttccttaa	agtccagagt	ctcccgann	ntggagnttg	tccttcccaa	gccttctcgc	120
ggggagggaa	ttccttcttt	ctgccgcctg	ttacatccct	gtgtgagaag	gtctgggtgag	180
ctgagcccac	atcactcggt	ctgctgcccc	ggtgtgcttc	catcttcact	gtggaaaagt	240
cattttgaac	tccccggtga	ctgcaaatta	agtaatcaag	gacagatggg	actgggttga	300
ccattccaag	gagtacagtt	acttgaagaa	tctggaagca	ataccgagca	catttggttg	360
cattaattca	ttggagcaat	aatgctgtac	gtagaaagta	tgttgctttt	ttaaaaaac	420
atcatcagtt	ctgagcattt	gtagcaagtg	aactctaact	tggaacggat	gataaattct	480
tctaaaaaac	aaataaaaaac	cctccagaca	atattatgca	ttgagagctt	taaaaaatat	540
atatectaca	gcatttggaa	aacactttgt	ctggctatgc	cactgcactc	cagcctgggc	600
gacagagcga	gactccgtct	tcaaaaaana	aaaaaaaanga	agacttgnat	taatggagaa	660
acagactggg	ccctggctag	aaatnccaaa	tattgnaaag	aagtcatttc	tttaaaaatna	720
atattatggat	ttaatgcngn	cctnagttaa	aaatc			755

<210> 4870
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4870

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agtgnntttt aaanacaaag ctacttggtc tttttgcagg atcccatcga ttcgaatcat      60
aatggggaag gccatccage ctgcgctgc gaacgccage aagacgtagc ccagcgcgtc      120
ggccgccatg ccggcgataa tggcctgctt ctgcgccaaa cgtttggtgg cgggaccagt      180
gacgaaggct tgagcgaggg cgtgcaagcg ctcaccgcat cgtggcacct ggcaagggca      240
tcctggctgc agatgagtc actgggagca ttgccaaagcg gctgcagtc attggcaccg      300
agaacaccga ggagaaccgg cgcttctacc gccagctgct gctgacagct gacgaccgct      360
tgaaccctg cattgggggt gtcatectct tccatgagac actctaccag aaggcggatg      420
atgggctgct ctcccccaa gttatcaaat ccaaggcggtg tgttggtggc atcaaggtag      480
acaaggcgct ggtccccctg gcagggacaa atggcgagac taccaccaa gggttgatg      540
ggctgtctga gcgctgtgcc cagtacaaga aggacggagc tgacttcgcc aagtggcgtt      600
gtgtgctgaa gattggggaa cacaccctc ncccttgcca tcatggaaaa tgccaatggt      660
ctggccccgt tatgccagta tctgccagca gaatggcant gtgcccacg tggacctgag      720
atcttctga tggggaccat ga                                     742

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<210> 4871

<211> 846

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(846)

<223> n = A,T,C or G

<400> 4871

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tttnaaatcc cagctctngc agnanttcaa gtcncnttt ctaatncttg gcanctcgat      60
ctcgcncgaa nnnnntnggc ncgagantct gcncacaac ngacaggatt gntagaacnt      120
nnnnngteng ggggatntng aatantnnnt caacacnngt gatacgcntg anctaacagg      180
tgggtgtttt antataccna cnnaaatagc angatgagc aacantcctg naacngtgc      240
ttntcaaagn caactggcct ggaaggctac aagtgtcnnn aaagattctg ttcagaatct      300
agccacagan ataaaggatg gacaaatacc tngacatag tctnctcana gacanccaag      360
cettgaangc tcaggtgatg aaaangattt tgtttcgaat ntanccanga gaaataaagg      420
atgganaaaa ntctgggaca ntgtcttctc agaancaatc ngnccatnaa ggttntatct      480
nacangaaag ttctctttt gaattattgc cacacngaag aacnggcggt tnggaaatct      540
nnaacagagt atnctganaa tntgcccanc cntgnaangc tacaattgaa aaataataa      600
ntctgatctg aaatacaagc caccaaatg naangattgt acnaatcatn cncaccgagc      660
agcaacanng acttnatgaa atggccatcc annnnggaaa accanaagga agctttgnna      720
nnaatntgca atanattacc canncnnaca aggttgaaaa aancanaat tncattnctn      780
agggatggac cctttgntng accttaaatt ncagtccttc ctcnaaaccn ttcttnaaga      840
aggnc                                             846

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<210> 4872

<211> 717

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(717)

<223> n = A,T,C or G

<400> 4872

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ggnnttnaaa tatcagctct tgttcttttt gcaggatccc tcatctgaa ttcngcacga      60
ggtctangnn gatgtctntc naatcatggg ntgtcctnt nttttgacac agggccttgn      120
cttattgctc angtngagt gcagtnagct gtnatnncac tgctgcnct cngcgannnn      180

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gtananaatan	tactctgnnt	nngannga	naantanatn	gntaccenna	naccaactct	240
gtctaaatgg	aaaagatgga	tnatnaatct	tagncttnat	agaacnntga	gattntcaan	300
nggtgcgang	cacagtgtc	attnttncat	cctatcaca	gacnctnta	acctntaacc	360
gtnaacaana	tgnaatcgnt	gtataaaaac	aatnnetgtg	nttaataggt	gactgactac	420
agtagccttt	naggagtcca	nagncaactta	ttcagcctga	tctttccaca	tacactacat	480
tgntattgtnt	aanattcnta	naaattactg	cgcnatctan	ngctttaanc	ctnatgtagt	540
gactgtgtct	atatctggaa	gtatctntaa	anagtttget	gggnnttnt	cactgcttaa	600
tctactaga	cntatncatc	tgcctatctt	atcacttngc	cnnnatgatt	actgcaccgg	660
tntacgaaaa	atnccattan	tgattaaact	tttaaaggnc	aangaccata	tntnnng	717

<210> 4873

<211> 1194

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1194)

<223> n = A,T,C or G

<400> 4873

ccccacnnn	acncaacacn	cancacnna	ncncnannnn	ncancaaaaa	aaaanccanc	60
ccanaaacac	canccccaac	acncaaaaca	ncccnccac	cancnnaan	gggcccnac	120
cancctgtca	agcnaacgac	ccacnacnaa	gcngcggaga	agctncaccn	nacacccaaa	180
ccncatacag	ngggcngggc	aagcnggggn	cncatnggga	nggggaaggg	ngcccggcgc	240
ctancenncn	nccnggnnnc	nacaggngna	ccanatnggn	ccanccccc	nacnaccang	300
taccanncn	nncacgnnaa	cacennncca	anacaccncc	catcnaangc	anaaccgacc	360
anangnacct	accnaancan	accnccana	gcncacnca	gcnnacacac	caaccccccc	420
anncanggnc	accnacngca	aagnccnct	cgcnnngatc	accancantn	ncaatacan	480
cacnancnac	cacnccncaa	anacnaacgc	ttanccccc	cgacccana	cnaaagacc	540
ananagcaca	cacntggnaa	naaanana	canccccc	cnannccaa	naangcgcnc	600
nccaacacan	cnaacccan	ncaccnnaa	accnccann	cacnggcgac	annnggaana	660
cnccccantc	cccacnnnca	canacnaanc	ncnanacacg	nnaacnccg	ancnnaccn	720
naaanaacan	annnnnngca	nnnanaaaac	cccnangncn	tacnngcaca	cactcnccan	780
accagntnnc	acncaaagc	ncacnaccac	ncaccncccc	acnacaccna	cgcncncna	840
cccaccccc	accganacna	gcccaaagc	nccannca	ccaangnaca	nnccaagcgn	900
cacaccncac	acgacncana	ccnccnnna	cactaacnnc	acnnnnnaca	cnnnnccacc	960
cacanagcac	canacnncn	cancnagaa	ccacaccnna	acnacnnanc	tnnctcncc	1020
annngccnn	ntnnccgct	cgcanaaacn	nancccncca	acacaaancc	naacacaaca	1080
cntncccccn	tnaanana	ccacnnnaac	tccannanan	aancaacnnc	nnccaccanc	1140
aancaacacn	cacnacanta	cagacnctt	anannancnc	cncacaacc	nccg	1194

<210> 4874

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4874

ggtttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataatata	gtttcatata	gaattacctt	aaaagggagt	cttatgtttt	caactacaga	180

tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaattgtag	canggggaag	tattttaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4875

<211> 719

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(719)

<223> n = A,T,C or G

<400> 4875

ggttttttnat	cacagctact	tgttcttttt	gcaggatccc	atcgattnga	attcggcacg	60
aggtactttg	agtgtttggg	ggttcaacac	acacatgcaa	ttttgcttaa	caaaagtgnn	120
ntataataca	gtttcataca	gaattacctt	aaaaggaggt	cttatgtttt	caactacaga	180
tagttgtaag	ggatcataca	gaagatattg	atgatagttg	aaatattctt	agaaggggtg	240
tgtatgtcta	gctgtgtcta	ccatgtgtat	gtattcttga	caagcantat	naaatacctg	300
tgatntttct	ttacattacg	gataatgcat	aaggaattaa	tcttcatata	tattatcatc	360
cctaattgtag	canggggaag	tattttaatng	cccatgatat	gtatnttact	tatactatgc	420
caganaggaa	actntannnt	cattacacnt	gtannctngg	gttnntcaca	tatgtacgtn	480
ttcattnnna	gtaggtngaa	gatganacta	aatatttnca	tgaatnga	ncctgatggg	540
atagcctcaa	taagtattta	aaagccngtn	ttctaaaaat	aataaagggt	aggggtcatt	600
tttgacttnt	gttgatcttt	tgctattgnt	aatattnaac	aatnnangtg	ttacatttgg	660
tacctggnag	ncnnnaatgc	catnnattgn	nnaacancct	gaggatgntg	aacaagncn	719

<210> 4876

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4876

ttgaancttt	aatntnnacc	cctttggaac	ttnttgacag	atcccatcga	ttcgtgtaga	60
ggaggtgagg	aaatacttta	atgtgttgga	aaccatgggt	ttgaacagaa	gatacgcata	120
tggagtgggg	aatggaaaga	aaactttgtg	ctacatttac	tgtaaattat	atcttattga	180
ttcagtaa	tcaggtggaa	tacggaagtt	caaatttaaa	gattacccat	ggactcctga	240
cctcaggtga	tccacccgcc	tcagcctccc	agtgggctgg	gattacaggt	gtgagccacc	300
atgccagcc	tcattcattct	tattaactgg	tttaatcctt	tcaataatcc	tattaagtag	360
aattattagg	taattagaat	taggttaaaa	agagctgagg	tgtgggtggt	cgtttctcag	420
gtaaaacatg	gctaaaagct	tacggagtaa	gtggaaaaga	aagatgcgtg	ctgaaaagag	480
aaaaaagaat	gccccaaagg	aggccagcag	gcttaaaagt	attctcaaac	tagacggtga	540
tgttttaatg	aaagatgttc	aagagatagc	aactgtgggtg	gtcccaaaca	ttgccaagag	600
aaaatgcaat	gtgaggtaaa	agatgaaaaa	gatgacatga	aaatggagac	tgatctaaga	660

gaaacaaaaa gactcttnta gaccacatgg cagtcccata tggatgacca agcaagaaaa 720
gctgcggcaa gcagagaaaa naagggaac caacaaacat n 761

<210> 4877
<211> 687
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(687)
<223> n = A,T,C or G

<400> 4877
agacaagcta cttgttcttt ttgcaggatc ccacgatcc gaattcggca cgagtattgg 60
ttttagataa tgctactgat tttgttacgt taatttttgt atcctgaaac tttactaacg 120
tcatttatca ggtcttttgg agggattgtt aggggttttt taggtttaga atcatattgt 180
gagtgaacag agataatttg acttctctt tttctattta gatgcctttt gtttcttttt 240
cttgcccgat tgctctgggt aggacttcag tactatgntg aatagagggtg gtgagagtgg 300
gcacccctgt cttgtttctta ggggggatgc tttcaccttt gcccatcag tatgatattg 360
gctgngggtn tgcacatgat ggctcttatt atnntgagag gtatgtcnct tcantgccta 420
gttagttgag gattttttatc atgaagggat attggacttt atcaaagtct tttctacatg 480
tattgagatg atcatatggc cntgggntta atctggntta tgtgctaaac ctattcccan 540
atcaaaaana angatttctn ctaacacatt ctacgaacca gttcacctga accaaatctg 600
caaggcncac ancnatnata aaaaaaatac gctntaaact tnnngnnata ctaaaccaac 660
tganagnnct gatnagttgn caccct 687

<210> 4878
<211> 724
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(724)
<223> n = A,T,C or G

<400> 4878
gnangetact tgttcttttt gcaggatccc atcgattcga attcggcacg aggaggggag 60
agaggagggc cattacaact ctgccttcaa gactcatctc ttaaaaaaca aacgaaacaa 120
aactacaacc accatcaaaa ccacacgcaa aaaaaaaaaa aggataactt taaccgaagg 180
aagggttttg ttccattcaa ctccacattc attgtgcctt tacttgcat agatttctgt 240
gctttcttcc tttccctctt tgaagcaatt aaaatcttcc ttgataactg ctgtttcttt 300
ctactcttgt ttctggcaat ttagtgggtt ccttctctag tgggtcttaa tctcattcca 360
ctggtggcaa gatggggcct anccttcttt tcacatgtct aatcttttcc tttctcatgg 420
tgccctccat ggaagtcaca gtnaacactg aataaatgac tagaatgaca cgtgtgcgtg 480
ccgcaogcgt gtgcnttgtt gtgttcattc gtctgcatgt gggatcaatt tcttttagaa 540
aataatttat tgnatgattt attttgggag ttatattctg attacagngc tcttnttccc 600
aaatagcatt gatttttccc ccttnaaagn ataatctggt ctgaggttgg atctttnnga 660
catntctctc tctggatgcc atgcagttaa ttaaacctt gcttaaaaca aaaaanaaaa 720
aat 724

<210> 4879
<211> 925
<212> DNA
<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(925)
 <223> n = A,T,C or G

<400> 4879

tnnnnnnnnn	ntnnnnnnnn	tnnnnnnnngg	ggnnnnnnnt	nggntttana	ctcggaacg	60
tttctnagca	ggngccatc	gnncgaatg	cggcacnngg	nggtanccga	attcggcacg	120
agggggacaa	ggctataaat	atcattaata	ccagggttcag	gagtttgac	tgactaaaa	180
atcaactcag	ctatttgagc	accttttata	gagtggaaat	ggggttgggc	agtaganaag	240
agcactttta	gagaggcttt	tntgcagnag	ncagggggta	cacctgttaa	ccagccataa	300
tttttttttt	aagcggctgt	gctgaggatg	agccccatgt	agttgggtgca	gggggggaca	360
cactgtctgt	gtaactagaa	aaactaggca	tggccgggca	cgggtggetna	cacctntnat	420
tccagcactt	tgggaggtca	agggggggagg	aacacttgag	gcngagaca	atataatata	480
taatataata	tattggccag	ccttgacaaa	tataataaaa	gagccctntc	tgtaccaatt	540
taaaaaacta	aaaagcctng	gggtgggngg	gnacaatacn	ctgtagtctt	tggettanc	600
ttggggaang	cttgngggca	aggtgggnatt	tgccttgga	ncctacggan	tttcaattgc	660
ctgtnaagtg	gaagcctntg	ggaatcggtg	ccncttggn	atttcnacc	ctgggggtng	720
ggaggaaaaa	aaccttntt	tntacaccac	cncncncccc	cccaaaaana	anttggccca	780
aatgtggctn	tnantaaaag	gggaannccg	aaataggggn	ttcttngtan	ttaangngg	840
caaaaaagg	gggnggntc	ctgnggaaaa	aaaaggccca	cccccttng	tgttgngggt	900
ngggaaaaan	tttnaaaanc	ncnct				925

<210> 4880
 <211> 1170
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1170)
 <223> n = A,T,C or G

<400> 4880

ccnannncna	necnanncc	naanngan	accnnnnnn	cnacnacnn	ancngncnac	60
ncnnacnacn	cncgccann	nacnncann	aanancnnnc	gennannnn	ccnncnnnc	120
nnncacactc	nnncnnncn	anngnncacc	cnnnnnnnn	nnncnacnn	anannccnc	180
acnancceca	naacncngc	nntggcannt	ttnaaatcaa	ancncttggg	nnaacnncca	240
naannctnnc	accaccaccg	ananncgnc	ncacngcccg	nnnnagcnc	agnnncccca	300
acnncnnc	cctnccgnc	gaacnnncta	ncngggggg	ngggggcg	ggcangggng	360
aanccgngnc	cancceggcc	acnccnacc	acacnncccc	anaccannc	ccnnnacnnc	420
aancccnnc	ccatacnnc	naccganccc	nnannccna	cgcacncca	cngaccggn	480
aanccnaaac	acacacncac	accccgaccn	cnnacaanac	cncncacnc	nnccnnccnc	540
nacaaaaccc	acaccgcnc	ccncaancn	ncnnncaccc	nacgaccacc	caacacnccc	600
aaccgcncna	ancccnacc	acnnncacc	cncccaccnc	gacnnananc	ncnnncncca	660
ncacgcncan	accacnanc	nncccnccc	cnccccaacc	aaccnaann	cacancagnn	720
ancnncnnan	ncanccccc	cccccataa	ccnaccacac	ctanncancc	cagacnann	780
aacgncnnnn	ccctacaccg	annnnnnna	ncnanannac	antncnanc	ccacaccaat	840
ncgcagcag	acatcgcan	cacncagccc	ncanacacna	ncnnnaccac	caanacntna	900
cnnacacaca	cnaacnncn	aacnatntnc	cacgncaca	nnacaantcn	atcnccccac	960
gnacnnccta	nncacancga	ncaatacana	ncacganaca	cancnacgan	nnccanacnc	1020
caacncgcga	cngncacaca	caccacncnc	ancncacgac	nctannanac	ncacanacan	1080
ncctccanaa	cagnacncng	cncncacagc	accacacgat	nacacngnag	cacagacnca	1140
acncgcgaca	naatnncaca	cacnnacgce				1170

<210> 4881

<211> 795
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(795)
 <223> n = A,T,C or G

<400> 4881
 gnntttnaan ntttttaaatt tatacanctt nttgttcttt ttgcaggatc ccategatcc 60
 gaattcggca cgagggtaga ctggctaggg atcctggacc cagggttcca cgtagcaaca 120
 cctgctgagt tctctgggtt ttcttcctgc ctcatgtagc ccagacttgg agctgaagaa 180
 gctggaaaca tggaaacacc aacagctaca gaccaaaaaa agtcccaaca aaggcctgtc 240
 agtctgccag cctgttctgt ggatttccaa ctcaagatgg cagcatcaac tcacacctga 300
 agttctggct tccctacaaa ctttgaactt gccagtcccc acaatggcat aagccaattc 360
 cttaaaatga atgtctagtt ctagataatg tgtgtattct actgggtctg tttctctgga 420
 gaagcctact aatagatcat ttgtcttaac caattcaagc tactgttaca gattaccata 480
 gactgggtgg ttaaaaactac aaatacttat tactcacagt tttggagtct ggaagtctga 540
 gatcangttt ccagcaggat tgagttcttg gtgaacatcc tcttcctggg ctacagagta 600
 ctgngttact taagtggaaa aagtaggggtg agctgggtct tttggcctct tcttttangg 660
 gactaattca tgagggctnc accctcatga cctatttacc ttccaaaggc tccatctcca 720
 aataccatca caatggggga ttagaattca acataggagt tttgggagga cacaaacatt 780
 tagtccttac ancca 795

<210> 4882
 <211> 789
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(789)
 <223> n = A,T,C or G

<400> 4882
 ttcaaaccag cttttganct tnttgcagga tcccatcgat tcnntcaaaa canagnattg 60
 tgatattgtc aaagagaaaa acnaatcctg aagatacatg gaaatgtaac ctagtttagg 120
 gtgggtattt ttctgaagat acatcaatac ctgacctttt ttaaaaaaat aattttaaaa 180
 cagcactactg tgaggaagaa cagtattgac ataccacat cccancatgt gtacctgcc 240
 agttctttta gggatttttc ctccaaagag atttggattt ggttttggtg aaaggggtta 300
 aattgtgctt ccaggcaaga actttgcctt atcataaaca ggaaatgaaa aagggaaggg 360
 ctgtcaggat gggataattt gggaggcttc tcattctggc ttctatttct atgtgagtac 420
 cagcatatag agtgttttaa aaacagatac atgtcatata atttatctgc acagacttag 480
 accttcagga aacatangtt aagccccctt ttacaaagaa aaagtnaaca tacttcagca 540
 tcttggaggg tagtttcaaaa actcaagttt catgtttcaa tgccaagttc ttattttaaa 600
 aaataaaatc tacttataaa aagaaaaggt gcatttctta aaaaaaaaac ctttaaanga 660
 aaatgaaaga agaacccttt tncangatac ttactttgan gactgttttc ccttttttna 720
 tgagatatag cttaganatc ggcgnggggn atttctttan taatnctctg ggttttggat 780
 ctggccttg 789

<210> 4883
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 4883

tcnctntcat	ctnaacnctt	tgcaattnce	ctttttgcag	gateccatcg	attcgcccag	60
ggccgncctgc	ctgagcctnt	ctgcagctgc	tcaenttttg	ctgaggcctc	tgccttcaga	120
gctagtgggg	cctgctcaca	cattccagcn	gttncctctn	tatttgncct	gaaccaagtt	180
gtagaattta	aaggaggtga	agnaaggcga	ttncatgga	aaatatattg	nncttcttta	240
ctcctcatgc	tnagtgcata	anaatntatt	atntccctcg	aatgttcaaa	gtggtgtgtg	300
tgtgtgtgta	aaagaaccag	gagcaaacaa	tcttaatagg	aatgtgcat	cttgcccta	360
tcttttagcac	acttaattag	ctacaaccgc	ggactgtngc	catttgaaca	aattgntaac	420
aaaatctgcc	atgttttgct	ctttttcaaa	aggaangact	cnaataacca	tagcaacact	480
tactcagntt	tgtgatccac	tccaagatta	tgggagcaag	aacagatact	cctgaaagca	540
accctcacct	cctnccccgc	ccctgcccc	cagcaagtcc	tggcctgtgt	gaactgaagg	600
gtttggaagc	tctggtttct	aggagtgcgc	agaagcttga	aagactaggg	tgtactagtt	660
attgangggc	agttgtcant	ggcagtgtgg	gggcaccca	attngtattc	canggcactg	720
cattgctttt	tt					732

<210> 4884
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4884

gantggtcga	actnaaccct	ttggaaantc	cctttntgca	ggatcccatc	gattcgaatt	60
cggcacgagg	gccactccgc	ctcttccctc	ccttcttttt	ttcttccctc	cccttttttc	120
cttcttccct	ccccctctcg	ccgccaccgc	ccaggaccgc	cggccggggg	acgagctcgg	180
agcagcagcc	aggtagaact	ttagacttca	tagcactgaa	ttaacctgca	ctgaaagctg	240
tttacctgca	tttgttcact	tttgttgaaa	gtgaccatgt	ctcaagttca	agtgcaagtt	300
cagaacccat	ctgctgctct	ctcagggagc	caaatactga	acaagaacca	gtctcttctc	360
tcacagcctt	tgatgagtat	tccttctact	actagctctc	tgccctctga	aaatgcaggt	420
agaccatttc	aaaactctgn	tttaccctct	gcctctatta	catccnacca	gtgcagntgc	480
agaaagcata	aaccctactg	tagaactaaa	tgccctgggca	tgaaacttgg	aaaaaaacca	540
aatgtntaag	ccttggtgaa	ccttactctc	gggatgcagn	ccacctataa	ctaccaaaca	600
tggagnangg	aaggaggttt	aaatcccccn	agggnnactt	ttnncccant	ttctaantcg	660
cnancctttn	cncttnnaaa	ngngatnctn	tntangcng	nnggccagca	natntcannt	720
gnantaggnn	nancccnncn	tcctngcnga	ngaacnnncn	cnactcccc		769

<210> 4885
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4885


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gtcttgcct cnaaaacct ttgcacttcc tctttttgca ggatccctcg attcgaattc      60
ggcacgagag aggggtgggt ctggccacat aggttnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcatt ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggcctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgta aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgcttg aagtgcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaaa      660
atantnaacn ncantacccc ctctntngaaa naaaaaancc tcgnaccntt ttgaacttt      719

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<210> 4886

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (783)

<223> n = A,T,C or G

<400> 4886

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agnaggnntt tcagaaagct ggnnnaggna gcnngnagan gcnttgaagg cccttgctaa      60
tngettggaag agctccatct anagagnngg anggtnggga gcnngnnaaa catgcnngnaa      120
canctctagg aagtngaat ctgatacaag ctganatgtt gnnatnatgga nangatcnca      180
cngaattgat tgcgtggaac acngtgnatn ncnngaacca gatnaanatg tnatatggaa      240
cnattacanc antntgcact gaagcaagct ggccaagcan gnetgcatgn ccgaanattg      300
aatatnactg ggcanatggn actaanatta aaaagccana nnaantgnnc tgcaccaaca      360
tacaatntgac tannnggatg acttgggttc aacgancagn cntgatagat gaaacccncg      420
tttccttnta agattggtgt nccatntncc caaaaacttt atnnctgtgg caganactat      480
nntaaaaagc gnettgnnna gggtttnaan gccntanna atcaccangc nctantgatt      540
cngtgatgcc atctgccaac taggaggcnc anctnaacnn ctacnttaag cactnnattc      600
nncttgnntt cagggnnntt aancnagntt tgataaggcn tgaanctggg cacctctnca      660
agaattagta canaaacttg gatnnaaga ccnnatnaan ggncantcta ngaacacagn      720
ntccnccnncn gcttaatnca ttggtagaac canctcaatn gntatccngt nantgnacna      780
ctn

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<210> 4887

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (728)

<223> n = A,T,C or G

<400> 4887

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gnnnngnnnnn nnnngnnnnan tnnnngggnnn tttgcnaata nacaggctac ttgttctttt      60
tgcaggatcc catcgattcg aattnggcnc gagctcngac cttatnanca gcatnacgca      120
tgactaccac ctgnatganc aggatgctga gggccggctg gtacgctgga tcattencat      180
tagtncccga aagagccgtg cttggcnaca gactccgagg gtcgttcaac tnggctgctg      240
tcccaaagcg tgctgacct gacagtggcc atganaccat ggngggctca ggtcttactc      300
agnatgagct gacagtgcac atctccnagg agacgactgc agatgccatc gcccgnaagc      360

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tgaggcctta	tggagctcca	gggtacccag	caaagccatg	actcaccctt	tcanggcacc	420
gacacagact	cgtctggggg	cacccttget	ncaagtgtac	tgataaccnc	tgacaggccc	480
atctggcaca	ccctttctgg	gagaagcatg	gcctacagaa	tgaacagggg	gaccaggaac	540
ccctgtggga	naggcttaaa	cctgancagt	gcccactctg	gntcctcttg	ncttggctga	600
ctggnttctg	gaccatgtgc	atttcactgg	nccatgggat	ctacatctct	tgcattccca	660
nctggctgat	cctgccangg	nccgttntct	cctgctcatg	gncttnaggn	ngnctgatca	720
tngaaagg						728

<210> 4888

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (808)

<223> n = A,T,C or G

<400> 4888

tttgttggcn	nentagtnan	nnngganana	cntcntnget	ctanaagaat	tgggttggtg	60
cngcacgang	agatgtgtcc	agtgccecnt	gtggngtgtg	antagaaacn	cctgnggnnn	120
aagtgactnn	gtnggnccnn	ctggcttcgt	gcangangnc	tcgtnaactgn	atacgaccen	180
gccacngtgt	tctnaangac	annnccanan	atgggttana	ntcnetgctg	tgggagtctt	240
tantccaca	cncnggacan	gctggtnanc	tncactgtnc	nngatgatgc	acaccengac	300
cnatnacgtc	angacgatnc	nnntcncgac	anntatgggtg	aagatnccctn	ccgtgggtccn	360
attcttntctg	nacntnctgn	gnccatgacg	ctcacntngc	tgtngagctc	gntccgtgcc	420
cangtgttgn	acatntaaca	gatncnacac	tgtcttataa	ngggaccacc	nangattngg	480
gtctctataa	nagancnnac	nntgatecctt	aattattctn	agggcctncc	gttgnttttg	540
gctctgcctg	gnnttntagg	ncaacgggac	aatccaaccn	tnnccntttg	annancetta	600
tgaacaattt	ntgnncttca	naattnnnta	ngccntttng	nagnaataac	cnttttancc	660
tnattttgac	ctgganttna	ttccnnccaa	tgccctcgga	agntggncct	ttnnacacnaa	720
ggggaccagg	tggaaanccc	tcttgatttg	gaccaaaaaa	ggcccccctt	ggcttnatct	780
cccttaaact	ngatnnncg	tgcnnncg				808

<210> 4889

<211> 727

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (727)

<223> n = A,T,C or G

<400> 4889

tncttaantg	gcttggcnac	tngttctttc	tncaggnagc	ccatgcgatt	cgaattcgge	60
acgtagggtca	gacatgaaaa	ctatttttaa	gctgactttg	ntgccttata	ttgaaaagaa	120
tctagatagg	tgcttttaac	tgggggtatta	acttttttag	aatgacacag	ntgaacagtg	180
ttaataatag	tgtgtcaaga	ttgcaaagtc	gacatactca	tttggtttta	gcaggaatcc	240
tagaagcaaa	tggatgggga	taagaatagg	tcattttcta	ttcaccatcc	tttactatta	300
anggaaagga	aaagaacact	agctaaggaa	gggaaaggga	agtgatctca	taaaagtagc	360
anccttcatt	ttacattctg	tctgttgttc	ttttcctgct	ttgccagnnt	gtgctaattt	420
gggaattgtg	tactccnaaa	caagtagaaa	agtgtgtgctg	agggattnta	ttaaatcttt	480
ttntaatgga	atgtggcnca	aattgttcat	gttaccaaaag	cnatatttnc	ntgggaatct	540
aattcaaaagt	tngtgggnata	caacctgagc	cttttcttat	ntaacacaag	aatatgttca	600
catcttggtg	tnnggccata	tttatngaag	gctgaactcn	attgtgcaag	ttgtntctgga	660

tgcngtttgt aaataactga aaataatttg gntgaccttt ttattcaatt ctgnatagan 720
nttaaaa 727

<210> 4890
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 4890
ttinctactaa ttgcttggtt acttggttctt tttgcaggat cccatcgatt cgaattcggc 60
acgagcntng cttttcttgn nancagcagt ttttcngnac anatttgctt tntnttacia 120
aaagannacn naaatgctgt tgnnttaaca tttcagaaca ganattgtgt tgatgtgatc 180
agtgtttggg gggttaacttt gcgttaattc ctcaggcttt gcnatttaag gaggagctgc 240
cttagaaann aaataaaggc cttattctgc aatantngga ntgaaccaat attctataga 300
acatataggt acagctgata tcgtgtatat ntcccttana gaatagctga acaccttgag 360
ccttaanacg gagctgntgg gaaacattan gcactctttt atgcgtttac tectgectnt 420
gcttggcact gcantcttaa ganagattca aaaggctgcn aangaganga aatctgttcn 480
nggaatgttt cacnggccna taagatgcnc naanactctg tntctngatg tntgectggg 540
cccnatgtgn aagggnaggat gcctgctcgt tcttgcnctt ntgcctctna gnacacnate 600
agtnnnccct tcaagacntt ccacttgnnt aanatattta tnnatgncan gganaaggct 660
ttaantnnat nnggacaaat aatgctttag tttnttttc caaattaggc ccttntttaa 720
aaacaagggt ggntgnannn tccctcna 748

<210> 4891
<211> 748
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(748)
<223> n = A,T,C or G

<400> 4891
ctncttaang gcttggcann tcnttttngc nccganncca angngnntgg gagccactgc 60
gcccggccaa ngacactttc aaataactcat gatnggatat gcctctgtga ttgacagtga 120
gcattttcaa tgggttaaag attgctctgc aaagagggtta actgtngaga ttgatacagg 180
ctatcttcaa catatgtaca ttgctgtata tgacatttac ctaccattgt gcactctggga 240
cttctgatg gaccacagga attccctttt cttcccatc tcttccagat ctttcttcta 300
cttgaaaccc cttatctaca aaaatgaata aacaacccaa tctcatttct gatcgngtcc 360
tggaattgat ctaaggcaan gtctggagaa gtggtgggag acagcanaca gctttngtta 420
agtcttctaa ccccgactt ttctcagcct catctgngng tctctgtctc actctgcaga 480
cctcacttna caatgctctt cagatccttt aatgaatagg aaattgattt tgggtatttc 540
tatnaaatac agcagagtct tagaaacttg cagtggcctt nanangaaag aacctctct 600
taactnctg gccagattna tctttctttt atgggntcna acactaactg ggaanttttn 660
cccatgggan ggtatttgng cctttcagac tggctttttg nngaactggn tttggagggg 720
cataaacctg aggaactggn atantttt 748

<210> 4892
<211> 714
<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(714)

<223> n = A,T,C or G

<400> 4892

ttgncnncett	aatggctngg	ctacttggtc	tttttgagg	atcccatcga	ttcgaattcg	60
gcacgaggtc	tcataaccnt	nttngacanc	aataannnna	cgncnagaac	cttnnnnaan	120
tcggnnaatc	tgnccatacn	ccacacggan	ctaactctngt	ncnngacatt	anancctnaa	180
ngcatgcgag	tttntaana	aggcngttnt	ctttccaaag	tggtngccaa	ntttatnact	240
tatgtgnana	attgnttncn	gatgactgcc	anaaggcttt	tnaagatcta	nngctgtgna	300
ggaagtnttn	taagaaaatn	gctgnacnan	ttgctanata	nttgtnngcc	atatntnatn	360
antgtaccan	ttgatacttg	gctgtncctt	ctataangca	tagtgagaan	ttncnctanc	420
gantttnta	aatgctnttc	nggtnacatt	gccaagaatn	tggtgcnnca	naatgnntaa	480
taattntacn	ngatngaacy	tctacctagg	cttaggactc	aagctnnatg	gaatgctgtg	540
tagnacacat	ttgtaaccgn	gnccgacatg	gaaatngtgg	gnaaacngan	ntttccctng	600
aaananaact	caggttttac	tttngcagg	gcantncnnn	atnttntcnn	ccctacaact	660
gtgtgagcgn	agntnccttt	ntcncacttg	tgggatacnt	ggntaanncg	gcca	714

<210> 4893

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(778)

<223> n = A,T,C or G

<400> 4893

agngmntnnn	nggttctnnc	tctcctngna	aaccttaaat	ggcttggtta	cttgttcttn	60
ntgcaggcag	cccatcgctt	cnaatncggc	acgagcntat	gtnatgctnt	cacctccctt	120
gtgtaggaaa	gacctttaac	taccagctgg	tagtngtctc	ancattcttc	aaatagtcog	180
gtcttggtta	atattattat	tattatngtt	atttaatttt	attntattgc	aactgtactt	240
agagaatagt	ctggtcttga	gaccttttca	ctgnggtctg	ntctgggtga	cggctcccac	300
cagtgtgaag	cagaaggatg	actttgctct	gttgtcagga	caaccttgaa	ggaaggagcc	360
aaatgtgtgg	aggtctgtgg	gaagagagag	ccacctagca	tgccccact	gaaccagtca	420
gcaagaaggc	cttccccagg	aggcctccaa	cagatccctg	aatgccacat	aaacctcana	480
ggcttgngga	tcccaggacc	ctccaggcgc	tcaagatctc	cctttgccgt	ggctccttcc	540
gtcatcacac	tggccacagt	cctctccaat	gcctntgtac	tcaccaccat	cttaactcac	600
caggaaagct	tcacacccct	gncaactaac	tgattggctt	nccttgacca	ccaccgaccn	660
cttgggtttt	ccatcttggg	taatgcccc	tcangcattt	gccttatctc	catttaacct	720
aacannctgg	gaacttttgc	caaatcttgc	nngtgaacaa	tttggctggc	ctcngacn	778

<210> 4894

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 4894

gncaggctct	tggttttttt	gcaggatccc	atcgattcgc	tagactgcta	tgantagtga	60
tgancancat	ctcagnctgc	caagggagaa	catgantccn	catgaacaaa	ntnggttccc	120
tgancagggg	gaaatgnaat	gctgagactc	acancaggng	gtgcgncnta	nngacctntn	180
netgnannga	nanantgnag	gccacnatac	actngatgan	nnaatggact	nnctcttnaa	240
agtgcggna	ntgctnctgc	cataantata	gtanatatna	canttgcctt	ggteccnctt	300
ctacctnaga	atgctgtgtc	ttacgctctg	tcttcccana	tctcccanna	nttgggaann	360
tctgaggtca	gagggcaaaa	ngagaacctt	ttaattctga	ntctgacata	atcagatctg	420
gaaccagttg	nnaagctgta	anacttatgc	angcgtaagg	tggttggtgg	tttaagcctt	480
atgntagctg	tggntntcta	aaanantntg	aatntatctc	tgtcatagng	tttgacctgc	540
atttgctaan	ngngtcnnta	anggatgtgg	ngannntggg	anttncccca	tgcattccna	600
gngtctnggc	cnntanaaac	cnggnccaat	tgaagttcaa	cntttaactt	tnggcctgta	660
naggaccatt	tgggcatngg	tgnccttggt	taaaggggaa	gaatnttgng	aatncgatta	720
agccatttnt	aatttccctn	nttggccttn	aatccccctt	ggaattcttt	nncngggaac	780
ccctttt						787

<210> 4895

<211> 863

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(863)

<223> n = A,T,C or G

<400> 4895

nngtccnctt	ttncaannc	tngganaccc	gttctttctc	nanacannaa	gntctnatgc	60
tgnggcacga	ggtctcnagt	ttttttntt	tgntngtnga	nacaggctcg	ctctgnogcc	120
cangctggag	tgcannggcg	cantctcggn	tcactgcanc	ctccacctcc	egggttcaag	180
ccattctcct	gcctaancct	cccagtagc	tgggattacg	gccgcccnc	accactcccg	240
gctaattttt	cggatttttt	agtngataca	gggnattcacc	gtgttagcca	agnatggtct	300
cgatctcctg	accttntgga	tcaccccacc	taggccttcc	aaantgctgg	gattacaggc	360
ctganccact	tgcgcccggc	acattcaggt	tcttatcaan	gaaataaccc	agactttaat	420
cttgaatgat	acnattatgc	cccaatgttt	aagntnanaa	aaatttcctt	aaaaaggtta	480
tctttaaaat	nagnatcttt	anngcnaaaa	tacccaagct	tgatggaaag	gccatcttgg	540
atgcccttnc	attcttgtnt	caattccatc	ttcccanaa	nccaggttcn	aaantaaccc	600
cctttnttgg	ttggggcnat	atgnaaattt	tttaaaggga	gttnaattcc	aanatggatt	660
nnaaaccaga	ctgccttgaa	ttgganaaat	tnntgatttc	cttcaaaatt	gtggtttctt	720
ttctaaantt	ggctggnccc	ttaatttgga	ttaatttaaa	tccatgntat	tattgattaa	780
atctngangc	angatgaaac	tttaccagtn	ttggaaatta	attactaant	taatcncnaa	840
tatntnnaan	tttttcttg	atc				863

<210> 4896

<211> 723

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(723)

<223> n = A,T,C or G

<400> 4896

ttntntnttt	caaatttcaa	atnctagget	actngttctt	tttgcaggat	cccatcgatt	60
cgggtggaact	gagtgccact	cgtaagaatg	ccagcaacat	ggagtacagg	atcaataagc	120

cgagagctga	ggattcaggc	gaataccact	gogtatatca	ctttgtcagc	gctcctaaag	180
caaacgccac	cattgaagtg	aaagccgctc	ctgacatcac	tggccataaa	cggagtgaga	240
acaagaatga	agggcaggat	gccactatgt	attgcaagtc	agttggctac	ccccacccag	300
actggatatg	gcgcaagaag	gagaacggga	tgcccatgga	cattgtcaat	acctctggcc	360
gcttcttcat	catcaacaag	gaaaattaca	ctgagttgaa	cattgtgaac	ctgcagatca	420
cggaagaccc	tggcgagtat	gaatgtaatg	ccaccaacgc	cattggctcc	gcctctgttg	480
tactgtcct	caggggtgcg	agccacctgg	ccccactctg	gcctttcttg	ggaattctgg	540
ctgaaattat	catecttgng	gtgatcattg	ttgtgtatga	gaagaggaag	aggccagatg	600
aggttcttga	cgatgatgaa	ccagctggac	caatgaaaac	caactctacc	aacaatcaca	660
aagataaaaa	cttgcgccca	tagaaacaca	aattaagtac	tgcttacaat	atctttangn	720
tcc						723

<210> 4897
 <211> 771
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(771)
 <223> n = A,T,C or G

<400> 4897						
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agggggctga	ngcgnccgag	gacagctcgc	gatgagnggn	cnacgaaggc	tentctgnac	120
tggnnncann	gtnnannngn	ctnnctcngn	gtatncngtt	cncannctna	ncgatncatg	180
tnctntactt	gatcnggata	naactgtatn	agaaccaang	nacttnncan	nngctactga	240
ccntncccat	gtncnctgc	acgtagtgtg	atagatanca	ctaccnntna	ccagntcgat	300
gaacccgatn	ngtccctgcag	ctggtncana	ctgtctgngc	anctnncnnc	ttgcagttgn	360
accttnnggn	ccttggttaat	gncactacca	ntgtgctgtc	cttatgccat	ggatgttgnt	420
cccagatctg	tactaacnnc	tnccaggaca	tggccaattt	gggtagcccc	tnantgnaga	480
tgnnctgacn	ntganatcac	tgatnactan	atggggctca	ncgtgattta	catgccactc	540
ttggtnatat	ggtcttantn	gatgnnanc	ngatgntggn	caaccttntg	gaatgacctc	600
natgagctgg	anccatgaaa	ganattgncn	caagcattnc	ccnntgacgg	ngantatggg	660
ctnantnccc	ttattactat	tnocttngtg	gacttnttan	taanattctg	caaagctcan	720
gtccaaattg	natnaccttt	ngnaggcann	accnttcatg	gntnttgtgn	t	771

<210> 4898
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

<400> 4898						
gnttntntnt	ttnaaatctc	angetacttg	ttctttttgc	aggatcccat	cgattcgaat	60
tgggcacgag	actgctcctt	cattcccaag	aagaaaagac	aagtactgct	acttccaaaa	120
ctcagacacg	acttgaaggt	gaagtgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgtcattgcc	attaagctct	ccaaacataa	agctgaatct	cactagccct	aaaaggggtc	240
agaaaagaga	agaaggggtg	aaagaagttg	tacgaaggtc	aaagaaattg	tctgttccag	300
cctcagtggt	gtcgaggata	atgggaagag	gaggatgcaa	catcactgca	atacaggatg	360
ttactgggtg	ccatattgat	gtggataaac	aaaaagataa	gaatggcgag	agaatgatca	420
caataagggg	tggcacagaa	tcaacaagat	atgcagttca	actaatcaat	gcactcatte	480

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aagatcctgc taaggaactg gaagacttga ttctataaaa tcatatcaag aacacctgcc      540
agcaccaaat caattcatgc taactttctc tctggagtan gtacccacag cagctttcag      600
ttaaaatgca tttnctttgg gtgctccaac tctttgnaac tttacangng aacaaccggt      660
ttctacngtt tcaanccnt ttattaaacc tttatnagga atgtttctta aaaaaaaaaa      720
aanaaaaacn nt                                     732

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<210> 4899
 <211> 751
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(751)
 <223> n = A,T,C or G

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<400> 4899
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atnccgcneg agcctgtgtg ggggtgcngt acattgcana cgtctctagng acctgttgtg      120
atgaactntt ntnatggag agantcactc nngnctanc ancggnnccg gnggatcaag      180
aganaacngt tancnctcng aggatataac tnnncaagat ntactactga tgcancnat      240
tntngccttn nactngnggg cattacacnt gctnntgatg ntagnntnaa atgnnttaac      300
agnanncnnc cnattcatga ctgccgtggg atctaagga atcaatgcc aactgtntacn      360
tntggactct naaagctaat attgtacatg gtctatcagt ccnggaaatn tngcttataa      420
tatnnatgng ncnttttaat gacntntatn nnnnagatcn ctcaactttn cnanagggct      480
ataatgagat tcacgaagtn tgcttaacng agagcanaca tccggtnatn atactgaaan      540
tcctgtgggn atnaaggntt ttgaacactt gcaattatnt gaattaattc agcnccctggt      600
aagaactncc aggaagttca cananagant ccattntggt gaaactgcct ntggatanta      660
ctccantgnt gnatgctctg ntganatctt ccanntgggc taccgattna aggccatggt      720
caagntnctc acttngcagg nctgaattac c                                     751

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<210> 4900
 <211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

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<400> 4900
gtcttgtcct cnnaaacctt ttgcacttcc tcttttttga ggatccctcg attcgaattc      60
ggcacgagag aggggtgggg ctggccacat aggttnctct gtggctctgg tctgggggta      120
gacactgtta gggactagca tttattggac ttgtaaagac agcacctcag aattagtaac      180
tacttgcat ttanggtctg ttntatgaan ccaacaagtg aatgtaaaat aggctctgca      240
tcttttctga gagccctgtc actgggcagt gagcatttcc aaaattgcag ctctgtcana      300
atgaaccatg aatacttaag aaagggaag taggaacagg gagcagagca aagcataact      360
tgctgtgttc cagggattta aaaataaatt actgtcaaga gcaatataag ggtcatgggt      420
ttgatcanga actttttgta aatgaaaaag ttcacaattn ggaaaaaaca gtgctagatg      480
tgttatggaa attgttatca caaattattc cactgaaact caagtatata anacaacaat      540
atattgctgn gaaatcttan ttntgacata tggaaggtaa ccaanaataa naaccatacc      600
tttttgett gagggtcacgg tggtagcaat ttctaaaatt agaaacattt aagccaaaan      660
atantnaacn ncantacccc ctctnngaaa naaaaaancc tcgnaccntt ttgaacttt      719

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<210> 4901

<211> 719
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(719)
 <223> n = A,T,C or G

<400> 4901

gtcttgctcct	cnnaaacccct	ttgcacttcc	tcttttttgca	ggatccctcg	attcgaattc	60
ggcacgagag	agggtggggg	ctggccacat	aggtnnctct	gtggctctgg	tctgggggta	120
gacactgtta	gggactagca	tttattggac	ttgtaaagac	agcacctcag	aattagtaac	180
tacttgctt	ttanggtctg	ttntatgaan	ccaacaagt	aatgtaaaat	aggctctgca	240
tcttttctga	gagccctgtc	actgggcagt	gagcatttcc	aaaattgcag	ctctgtcana	300
atgaaccatg	aatacttaag	aaagggaaa	taggaacagg	gagcagagca	aagcataact	360
tgctgtgttc	cagggattta	aaaataaatt	actgtcaaga	gcaatataag	ggcatgggt	420
ttgatcanga	actttttgt	aatgaaaaag	ttcacaattn	ggaaaaaaca	gtgctagatg	480
tgttatggaa	attgtttatc	caaattatct	cactgaaact	caagtatata	anacaacaat	540
atattgctgn	gaaatcttan	ttntgacata	tgggaaggtaa	ccaanaataa	naaccatacc	600
tttttgcttg	aagtgcacgg	tggtaccaat	ttctaaaatt	agaaacattt	aagccaaaan	660
atantnaacn	ncantacccc	ctctntgaaa	naaaaaancc	tcgnaccntt	ttgaacttt	719

<210> 4902
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)
 <223> n = A,T,C or G

<400> 4902

tcattcnnt	nctagnnctt	ggtgcegganc	entcncttcg	nattceggntc	naggtcttca	60
ctgntggetg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggtcgg	120
cttgaacntg	acntagactc	ctaattgcctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatenn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaa	tggagngccn	gaentgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntgnnacga	gttcgacaag	atttgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaanact	tggntctccn	atgtggteat	atggagaacc	ccttntctgng	540
ncganenttg	ntcangcctn	gncttttenc	ctggaagnag	gntcccactt	tnggcttgen	600
caattngggc	naatggcatt	nncctttttg	ggngngcncc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaattt	ccnaagngg	ttntaaaac	tntnaaacct	ttcnanaaa	gccccnct	779

<210> 4903
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(779)

<223> n = A,T,C or G

<400> 4903

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cttgaaentg	acntagactc	ctaatacctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatecn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atgtgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaaanact	tggntctccn	atgtgggtcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gncttttenc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngnncncc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaatth	cccnaagngg	tttntaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4904

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(779)

<223> n = A,T,C or G

<400> 4904

tcattcnnnt	nctagnnctt	ggtgcgganc	cntcncttcg	nattcggntc	naggtcttca	60
ctgntggctg	gttcccaagc	aggantgncg	agctctggtc	ctntcaaaac	tnaaggtegg	120
cttgaaentg	acntagactc	ctaatacctt	gtttgcnena	ctacngaacc	ntncnataga	180
catcgnnnnn	tcngatngtg	acacagnctt	ngncnatecn	tatacngnnn	cngnctntat	240
antaaggntt	ntnggantnt	ggacgnacgt	ngtcnagatg	natagactca	gactcatctg	300
atgtgatgat	aagacagaan	tggagngccn	gacntgantt	gtctgcagga	tgngtctgaa	360
ncnnatgtnc	ctgtgtgtga	tcttaaagat	gtgaatgctn	tnagncnnat	nnccttaatg	420
nntggnacga	gttcgacaag	atgtgcgatt	gacttccana	ctntacnenn	tgntgntcct	480
gntagatggc	tntaaaanact	tggntctccn	atgtgggtcat	atggagaacc	ccttnctgng	540
ncgancnttg	ntcangcctn	gncttttenc	ctggaagnag	gntcccactt	tnggcttgcn	600
caattngggc	naatggcatt	nncctttttg	ggngnncncc	cnancttggt	nggttnaacn	660
ttcctaagg	gccaanaanc	cntttnanct	ccccttttnc	ctgcccant	ctcaatccac	720
ctntnaatth	cccnaagngg	tttntaaaac	tntnaaacct	tttcnanaaa	gcccctnct	779

<210> 4905

<211> 720

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(720)

<223> n = A,T,C or G

<400> 4905

ttgcnaactt	aatggcttgg	gganactngt	tctntctcna	ggntgccnng	cgtttcgcaa	60
aaaggcaaag	accaagacca	ccaagaagcg	ccctcagcgt	gcaacatcca	atgtgtttgc	120
catgtttgac	cagtcacaga	ttcaggagtt	caaagaggcc	ttcaacatga	ttgatcagaa	180

cagagatggc	ttcatcgaca	aggaagattt	gcattgatatg	cttgcttctc	tagggaagaa	240
tcccactgat	gcataccttg	atgccatgat	gaatgagggc	ccaggggcca	tcaatttcac	300
catgttccctg	accatgtttg	gtgagaagtt	aaatggcaca	gacccgaag	atgtcatcag	360
aaacgccttt	gcttgctttg	atgaanaagc	aacaggcacc	attcangaag	attacctnag	420
agagctgctg	acaaccatgg	gggatcggtt	tacagatnan	gaantggatg	agctgacaga	480
gaannccctat	tgacaaaaag	gggattcaat	ncatcnagtt	cacacgcntc	ttgaaacttg	540
gagccaanac	aaaattactg	aaaggaactt	agctaaanct	ttncanttcc	atggcttact	600
ctttttactt	nttaaacctt	ccccnccctt	tanaacntnt	gnattncaat	taatttaana	660
attttggccn	tttttttttg	ggggtttntt	nccanctttt	tnccctttgnc	tttgggtaan	720

<210> 4906

<211> 1593

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1593)

<223> n = A,T,C or G

<400> 4906

ttttttggna	aaaaancccc	caaantance	aaggggccctt	aacctttggg	ttttcttttt	60
ttttnggcca	ggggggaatc	cccccnatnc	cggnaatttt	ccggggaaaa	tttnccgggg	120
gccaaccgga	aggggaatttn	ggttaagncc	aaaagggtttt	ccaaggccta	aattggggng	180
aaatntgggg	ctctttcnct	catcnanggc	actactnctt	cgctcntaac	aanannnnnn	240
tatntanntt	tntatacctt	atcanncaca	annnnctcct	nctacntacg	tatacatntt	300
ataatnnnat	ttanctatcc	atnctactnc	cctcantcnc	ttataantac	ctntcctact	360
cctacatatn	gacncnctga	ntnttnnctn	anacnaanch	ncntntnnna	tntnttctct	420
attanttaaa	annntccnnc	tagtncttat	atantatcan	tacttnntct	atnaccgatc	480
acntcntaan	cnttatcttt	cntatntach	ctacnnatnn	ccatnattat	cgctcnattt	540
anccttnnat	ttactacang	antgntctat	catnctcnna	tancnaench	tctnntccat	600
actnncnatt	tgacnacngn	ancatngttg	ttctccntat	ncatgntcgt	ttnatacann	660
actacattat	caatnatntc	nctnantatt	cnaanntacg	cantncncat	nnctactcan	720
nnanncnnta	cctactnant	tctnacnatg	tctntggttaa	ctatattaac	cgtnccgnach	780
tanacatcaa	gntnacatac	ntanccngan	acataccaaa	ncnatannta	acatatcnct	840
nacttacana	nngacnattc	tactacatca	atctacctnt	ctgtaangna	cccttttatga	900
tactaccaaa	ancatnccgnt	ctactttctt	cactccntac	ncatacnant	nttgcattnng	960
cnatncacg	tannnncccta	cactatagct	annnttgntc	tcntttttntc	tcactantcn	1020
ncactntnta	natanntant	ctntctnann	gnctctgtng	tnaaactcca	cgcatntaca	1080
ccgctcnnaa	ntccctacc	cantnnctn	tatcccttcc	nnnntnaann	tatangtctc	1140
tatatacnct	ctnccanantn	acatctntta	ttctccncta	tgcccttttc	aacaaaatac	1200
acannanact	nactcttctn	aacatangac	atactnccgn	tctanantca	tcnanntant	1260
cananantnc	ntacnnantc	anccttctta	nnanaccnnc	gtatntntct	tntctnnnat	1320
ctntntnenn	tntctaaatt	tagttncctn	cctncatgt	nttanencaa	nacactntca	1380
tncatgcann	ttcnatacna	atactnannt	acatntcatn	canntnnatt	actnaangac	1440
atanngcca	tataactan	gattgtaaca	ttcatnanna	ncnnccngnat	ntacacntta	1500
ttctctatat	natactctgn	atntcacnnc	ttctntcnat	ctntacnann	tcangttnnc	1560
ancacnatct	ntctnacntc	ancctccaaa	ccc			1593

<210> 4907

<211> 749

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(749)

<223> n = A,T,C or G

<400> 4907

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gnncttngaa tttaannccn ttngctactt gttctttttg caggatccca tcgattcgaa      60
ttcggcacga gggtcctgat atggcnggct atcctcacat gtcgttacat tncatcagga      120
ttggatggaa catcattcag aggtcctttc acgggcaatt ttgaggaact gattcatttg      180
gaagaaaagat taggcaatgt caatcgtgga gcatccang ggacaattga aagatgtaca      240
tatccacata aatacaaaaan ggttacaact gattggttct cacagaggaa actgcactgc      300
aaacaagatg gggaagaang gactgaggaa gacncacagg aaaaatgtac tatctggtn      360
nctatttttag aggaaggtga agatgtgaga cgtcttgcac gtatgcacct tttccaccaa      420
gtgtgtgttg accaatgggt gattccaata agaantgcc catatgcaca gtggacattg      480
ngcccatctg ccaagtgaag gntgacacca tgtttnanaa ctnttgccct ccctctcatc      540
ccattacttc ctgntgctgt acttcaacnc nnagatggca tgacttacct gcgcagattt      600
ggaagcattg naacttataa tgctgnctnt gctatatggg acaacttatg cttagaccta      660
cagtttatgt atcaagtggc tttgangtnt tatnaaagct ttttttctag attgacnttt      720
tcngctcant tactgggtnt tgcnnnggtc                                     749

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<210> 4908

<211> 789

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(789)

<223> n = A,T,C or G

<400> 4908

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ttatnctgtn nnnnttttna aannatagct acttgttctt tttgcaggat cccatcgatt      60
cgaattcggc acgagccgga acaaggacca ggaggtgaac ttccaggagt atgtcacctt      120
cctggggggc ttggctttga tctacaatga agccctcaag ggctgaaaat aaatagggaa      180
gatggagaca ccctctgggg gtccctctctg agtcaaatcc agtgggtgggt aattgtacaa      240
taaatTTTTT ttgggtcaaat ttaaaaaaaa aaaaaaagcc tctagaacta tagtgagtcg      300
tattacgtag atccagacat gataagatac attgatgagt ttggacaaac cacaactaga      360
atgcagtga aaaaaatgctt tatttgtgaa atttgtgatg ctattgcttt atttgtacc      420
attataagct gcaataaaca agttaacaac ccaattgcat tcattttatg tttcangttc      480
agggggagggt gtgggaggtn ttttaattcg cggnccgagg gccaatgcat tgggcccggg      540
cccacttttg ttccttttagt gaggggttaat tgcgcgcttg gcgtaatcat gggcatagct      600
gtntcctgtg tgaaaattgg atccgctcac aatttccnca caacatacca acccgggagc      660
cntaaagtgt aaancctggg ggtgccttaa tgaagtgagc taacctcaca ttaaatggg      720
gttgcgctca ctggncacct ttccagnccg gaaacctttc ttgccaanct ggcatttaaa      780
gnaatnngg                                     789

```

<210> 4909

<211> 1214

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1214)

<223> n = A,T,C or G

<400> 4909

```

gcncctcccc cttnttnaaa ccnttnnaaa acccttggtt aaaccccttc nnattnctna      60

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tngettggn	ctacctnctn	nacctnannt	nnnatnncac	ggntngcnnt	tttncacgtt	120
ttnnncnccn	cttntncaact	cagcaacttt	ntnacnctta	atntgcanct	nntctnctan	180
cggngggecn	anantanatg	gnataacang	gntgtcnncn	gactgntcct	ggccntgnaa	240
atancatctn	tnatggntaa	ncacannttn	tecanagcnn	aatagnntng	gngccnctg	300
aanccccaan	neetnattnn	cagcaccac	ctttattatt	nantatgnaa	tcataccanc	360
tegannneet	atnggtggnt	ntctngngcc	antgnaatat	angeccgagn	catntngnnt	420
aacgntatcg	ntgcaacant	cnntccaact	gnaacantng	ctcntnnctt	cgccactnnt	480
aataantnng	ntcattacca	agtatnanaa	ngntatcttn	tnccactaa	ntnagcgngc	540
ncaaagntng	natnatcact	cnnatcnata	actnnnantn	atnnnnnang	gtncaanatc	600
ttttntanat	cnntatattt	atantcnant	tntantnnna	attcanntgc	ttggnancac	660
atgnanncta	nnnttanntn	annncnntat	netctttatn	gctnttcccn	tttnnantnc	720
anttagacnn	tacntnnccn	tnangcgenn	ntattaanca	acannannnt	tnnantcann	780
tnctctntnn	cgattctntc	gncccccnc	actgcccenn	ntnntcnct	nncntnccn	840
ntnctnnnn	nngtcnnnnt	ntctcttct	tcagncctg	tcacgctctn	atantannac	900
gtatactntc	tnctnttann	atactcgana	cacactgntg	atatannctt	ntntacatct	960
atcantacgn	ncnanatcat	anantnntcn	atanctctca	cactctntca	cgatngtntc	1020
atcgaccac	ttcgnnactc	atagatntnn	atatanntac	cnngtgntan	tctntntnat	1080
cantaanaan	gcangcacga	cgnacatctt	gctntcnnc	natntcnct	ctcnatnatn	1140
nantnacact	aancacnata	cncactaact	atattactcn	catntcanen	ctactctatg	1200
actctancta	ngcc					1214

<210> 4910

<211> 1192

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1192)

<223> n = A,T,C or G

<400> 4910

gnnaaggggt	nnncntnttc	ttntctgct	ttgngtcac	gtctcgaen	gngnctcngn	60
ctgntctaga	tgacctctcc	gcttttttn	catngaaaag	ctcnanacnt	gtnnctaaat	120
ataannctna	agannggacn	ctanaaanng	ctcactatac	atgetcaact	aaacncccc	180
tgancatata	gcgctaggng	aagcatgctc	ntnactaga	caattgactc	tgccttagnt	240
aattccnatt	ccggaaaactc	gcgcaaccgc	gtnnccctggg	gacctctat	ctcntngaaa	300
cgatgaaaaa	gccccaccct	tttagngtcn	cncctngagg	aaatnggcgc	cattgggcga	360
nattcgccct	ccaaaggga	aangnggggt	tagacncang	nccttttcac	ccctngggna	420
ggngttgnaa	gnggaatagg	gnctcnaaat	ccccnaatt	tcctnngngt	nnaaatgggg	480
gccacctcng	taaccantcc	cttggtgggg	gaaaaatttn	gccttnatta	ncccttnact	540
nngggnaaac	ctttnccgga	atngttangc	aaaaattttt	tggttgggg	gcctttttgg	600
ggcctaagg	natttcnggg	ggntttancc	cccaaaattn	tttcgtnggg	gncanattna	660
ccaagnnnn	ccanttggan	accccaattg	gttgggccct	ncccttggg	ttntnggggc	720
ttaccttana	aaaatnctcn	gagggggcct	taaaancctg	gtnggaacct	ttttttggaa	780
aaggttttcn	ccngggnnnt	nccnttttna	aagggcgtta	atanccngg	ggtcttagtt	840
tngggnaaaa	anccaatntt	nttncncaa	attgggtttt	ggggcntttg	gtatcccccc	900
gnaaattncc	aattncaaaa	aatttcccnt	ggggnnccaa	ttttncnta	anccctttna	960
aaccggttaa	aaacctnggn	ggggncnct	ttnttttngg	ggntnnaana	atttgccna	1020
accgtnttta	acctntntnc	ccctttaatt	cgngnttnnn	ccccannntt	ttgtnggcc	1080
cctaaacgng	cntaaccagg	ggaccttttt	nggggaaanc	cttntccat	ganaaccctt	1140
tccttaaaaa	aaggnggtgn	cnacctggg	aggaancatt	nnttggggaa	tn	1192

<210> 4911

<211> 1006

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1006)

<223> n = A,T,C or G

<400> 4911

gcncannccg	annnccncan	ccannccnnn	ncnacncccn	aaacgnnana	agccgacgcc	60
acangncccc	gcgancgccc	aggctgaanc	ttgcnttcaa	aagctggaan	cgacacgctn	120
nagnncnagc	nacngcnegn	gncacgaggc	ccatgtncag	netccaagac	cnncangaca	180
ccgccccaatg	ggaagcccc	gnggncngga	ggcgcacagg	aagaagggga	tnggggcagg	240
aanaagccca	nggcccgaag	aagaccggag	gaccanaaag	gncaggaaga	gacacncacg	300
cnccgncnca	cannnnnecn	acaaganacn	ancangggga	gcgacnagcn	aacanncaca	360
gnangagaag	ngancaccat	gngcgacgna	nncacacgca	ccnagcgngc	nagaatggac	420
ncanagacca	canngtgaga	annaagccnn	agacganaag	aacncangng	ccgcangcnc	480
ccngagaggn	ccccccccgg	canaacatgn	cancnactac	accngncnna	cnaaggggac	540
tcaggngata	ngaaggcnen	acancgccc	naggnaaaac	nngcacacnc	nggaaacnnn	600
gaaccnttga	angnnnnncn	aaaaaaaccn	canggggaga	aaagagcaaa	gngcgngcac	660
gcagggggnn	cgnaannana	aaaccnngc	aggngaaaac	cacngggcta	naaccaggnc	720
ncaagngnac	ggaanaacaa	cgagcnaaag	nnacactaan	gaaagnngng	cgcaacngna	780
aaggggnaac	nanccncang	ncncacgcan	gggaaacnan	cgnnnaccca	naaaaggggc	840
aanngagnen	ccnnggggaa	aaggcaccaa	naagctataa	cccagagagca	gagnnnanng	900
ccccncgcca	gagaaanccc	agagnaanna	ngacgnaann	aancntcnaa	naaacagcgc	960
ncaaaangcg	tggnacannn	caaacancna	acnccngnna	ancccc		1006

<210> 4912

<211> 757

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(757)

<223> n = A,T,C or G

<400> 4912

tnaatatcag	ctcttgttct	ttttgcagga	tcctctgatt	cgcanagagg	tgttcgactg	60
ctngagccna	gcgaancgat	gcctaaatca	anggaacttg	nttcttcaag	ctcttctggc	120
ngngattctg	acagtgaggt	tgacananag	ntaancagga	aaaacaagtn	gctccagaaa	180
ancctgtaca	gaaacataag	acaggtgana	cttcgagagc	cctgtcatct	tctaaacaga	240
gcagcatcng	cagagatnat	nacatgtntc	atattgggaa	aatgaggcac	gttantgttc	300
gcnatTTTTaa	aggcaaaagt	ctaattgata	ttanagaata	ttgnatggat	cctgaagggtg	360
aaatgaaacc	aggaagaaaa	ggtatttctt	taaatccana	acantggagc	cagctgaang	420
aacagattct	gacattgatg	atgcagtaag	aaactgtgaa	attcgagcca	tataaataaa	480
acctgtactg	tctagtgtnt	ntaatctgtc	tttttacatt	ggcttttgtt	nnctnaatgt	540
tctccangct	attgtatggt	tggattgcag	angaatttgn	angatgaata	cttnntttta	600
atnggcatta	ttaaaaatat	tgagtgaagc	tnatngtcaa	ctttattaag	gattactttg	660
ctgccaccac	ctagtgtcaa	ataaaatcaa	gtaatacaat	cttaataaac	ntttaaacta	720
taaaaactcg	acccttagac	ctatantnag	tcggttn			757

<210> 4913

<211> 711

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(711)
 <223> n = A,T,C or G

<400> 4913
 gtnactaatg gctgggctac tcgttctttc cgcaggagcc cancgattcg tenagtgnlc 60
 gnggnttgtn antntnngcc nnggcantna ttnattgnen ntngatgatt gatatacaaca 120
 nttgaggtaa aaatatnecat gaggtctaaa tataacatgt aaatgcaatn tcatacttta 180
 tttncattgg caagataaca ttgantaccn atactgnggt atttgacaaa caagcttgat 240
 gcatcgtgat ntcnncttta tttccctttt ccttgnttta aaaagatgca ctgcgttgtn 300
 atncnnggn natatganta ctatgngcac naaaacnana anntcngatc attcgantag 360
 aggganaatc ngancnncan tcnccattcgt tctnattcng nngnanggat ctngtaggtc 420
 ctccnttctn agatgtggnt ttaggccagc agcntaggca tccctgagac tccttataaa 480
 tgcataaate tcaggcncag cccagatnac ttggagcata atntgcagtt tgcaagatcc 540
 ccaggcaatt catgtgcatg tgaaatnngg acaagcacct ttntgggcga tgcaaagcca 600
 ctcattctcg cgtgcctatn acgggtttnc aacacatcgg atcccatctc aggagcctga 660
 cccgtgtnta nctanattaa ncttcactgn tgatcttnat gatgcataatn a 711

<210> 4914
 <211> 749
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(749)
 <223> n = A,T,C or G

<400> 4914
 agagnnnnnn nnnttgctgn ntactnaatg gcttggggttg gttgttcttt ntgcagggnag 60
 cccagcgatt cgccgggtct agccaacatg tgactacaac tgcataaaag accttaaatg 120
 agacctactc agccaaactc ttcctaagtc ctgtccaaac aaaaccatga aggataagaa 180
 atggttatta ttattttaag ctaccacctt ttggtgtgat tattatatgc aataataggt 240
 agcagacact ggctttggtt ggacatgtat gttctctgca tattctgctt ttgtgcatgt 300
 ggagaaatgg gctttctggg ctgctgacaa tgaggaggta gagatgttgt tcaggcagat 360
 gcgttttagac ttcgagtcca ctttctcctt ccaagaacta tgtggcctta caaatgctgg 420
 gggttggttta agaaaacaga actcttaatg tttgtaaaca ttctgtacg agagtccatc 480
 catcatttgn gtctctctag aaaggtcata cgcagaaaat gtatgggtgt agcaaaattt 540
 taaacttttc agactggcaa aaccctttct ttaatgtata gtattactac tcatgtccat 600
 tatgaacctat gacccaggga gactctgctg anacaggctg catctnctcc accttatcct 660
 nctaagacan gttctacctt aaggggacat agaatttacc cctgtttgtn ggggtggtgtg 720
 gattcttncc aactgnctta atccactgg 749

<210> 4915
 <211> 542
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(542)
 <223> n = A,T,C or G

<400> 4915
 atccctcnnt tntcaantca tattctctcac aagcannctn tanaatntct nancactttg 60

ttctntcneg	cnaaggngga	cgcgatntga	ggacttttgg	gnnnntgann	acttggctga	120
ttcacatgcc	anggcctngn	angaagcagg	agaaaggana	nnggngacng	acttaaactg	180
gtncataacc	atccttacca	ccngaagcta	tccanagctt	ctcagagngt	tgcagaanta	240
caccaantac	acnaancatg	acatgaacaa	agntctngac	ctngagnaga	aaggtnacat	300
tgctaagtgc	cttnacagct	ctcgtgaacn	gcgccacagg	cgaaccagct	ttctttgcag	360
agaagctcta	tcangccatg	aaaggtgntg	gaactcncca	tanggcattg	atcacgatta	420
tggnntcccc	ttctnaaatn	nacatnaatg	atntcanagc	attctatcag	aagatgtatg	480
ggntctnctt	ttgccaaacc	atcctgnatg	aaaccngang	agattattga	agaaaatcct	540
gn						542

<210> 4916

<211> 1285

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1285)

<223> n = A,T,C or G

<400> 4916

gaaagnacna	aagncagctt	gacagggatt	tnaangnnntn	ggaacnccnn	ttctcnaagc	60
ngnntggctn	ngatnannta	tanatatgtc	ttcncatatn	angaacnaaa	ntatntntgg	120
gnngggnttc	tnctngagng	atttctgtna	ctcntgantt	nntaatgcnt	nananntgtt	180
ancgantnng	gtnaattggn	cctancagca	ncatgtancc	ntaaaaacgc	atncnatatn	240
tcttancncn	nagnggtncn	ncgcnattat	ctaagtncctt	cttnaactga	nntntaangg	300
nctntgtant	ncngaanct	ttaagttnnat	tcacgncnta	tattctaant	catgttccaa	360
nnnnctctatc	ctgcanaatt	acnctgcnnn	tgatccntgg	catcnnngaa	gntcantncn	420
gnncaattat	tcatnatatt	gtggcattnn	tctnatttna	tactancgnc	ntccnctan	480
atatatanaa	gncngcaanc	tctgtngaanc	nncttcnaat	ntgacnnacc	cgnttattat	540
atgcatnaac	ccntatectn	atcnanctct	agtgtggctc	ttaggcaccn	annattttatg	600
ggnacccctgt	gntcaaattn	ggntctccgt	nanctnacng	ctctcnattt	aangntnang	660
nctaacntaa	ccntctttgc	tgggtacaat	anggcgnacn	ctccnctnnn	nacattttttg	720
nnanaaaagnc	tacntgggnt	cactatntna	nanctacncc	ttttatcggt	acntngcgta	780
atnattgncc	atatgtgata	cgngnccaac	aaaatgtcac	tntatataan	tntggntcnn	840
acntcnnctt	tannccnctt	atntaacntt	canntttttac	atananncnt	aaaacntntt	900
gngcaaacia	ccaatnggng	atcttnnnga	aaaattanca	tnggtttttt	ggctactttn	960
ctatntcatt	naattaccgn	nntatctcna	ncntanntaa	ctacnntttt	nanaaaaggng	1020
tcaatgggtg	tcattctctca	gngacaccct	cnnctatata	ncatnctnta	tntagtataa	1080
tctcanaaaa	cnetccctct	naaancttnt	gggnacntna	anaanacgtg	actntcannt	1140
cgaanccttg	nnntntntaa	tnnggatant	agggnggtac	naaaaaaann	ngtgtttata	1200
aacncanenn	ttnaannntt	tctctatatg	ngcaatttcn	acggtattnc	tnnccnngtcc	1260
ccatatatac	tanatcacan	tatnn				1285

<210> 4917

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 4917

gnncnctnnt	tnengccttt	ngaancecnn	agttccaaat	gctggtnnag	atcagctctt	60
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gttctttttg caggaccctc gtcanaattc cnacagggag anttcgggna ntntttannn 120
ngagaacngag tctggctcnn tngccagccn gaggcgggan aancncctga acctgagang 180
tggacnngc gctgagccga natcnttaca ctgcactcca gctgtcnac agantgagac 240
nntntctcaa agnatgtata atnctnacaa nnnctccacn ngancaaann nnnangannc 300
cggannacgg agnctcctnc cctnaangan ccttggaaga atggagncac ccagngctc 360
nattnttggg nntnnnccact tnngccgtna aatggatgan caagggctca ancagtnccc 420
tncataatct gccctnaacc cntncaaann aacatntnnn gccantctnn cttcanaaac 480
nggaaggagc ccnnatgac atnccagtcn nagccccan cgaggaacna ggccnntgnc 540
ccnanntgag tgcagnana agggcnccct gccanagccc ctgccggnt tcntncaana 600
anggaaagaa nangaagcaa ccttggaac tcgctctgcc aangagcncc nngacaangg 660
ttnaaccggg nggcccnnnt ctgagcttng ccgccntttt ctgnggggncn nccccaagaa 720
gtgtttacac cccttaatcc ccnctttanc nctngatttn nggggggncce naaccggat 780
nn 782

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<210> 4918
<211> 812
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(812)
<223> n = A,T,C or G

```

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<400> 4918
gnnnnnnnnt ttnnngctnt tgaaaacccc tttgtttcaa agaccnagtt cttgttcttt 60
ttgcagggat cccatcgatt cgaattcggc acgaggtcac aggtaaaaaa aangtgcgtn 120
ataagtnttg ttatcggttg actttataaa agcaaangaa attgangtaa cttttgatc 180
tggnttcaag attcatnttt ncatacaggt cataactgnc ttnntgnaac cttttcacag 240
ggcactgnnn gatgggatta aaggtggcaa ttactggata actgcacatg cctctacttn 300
gttctaaant ctangtcatg aggtgatttg atttacttta tagangctgg attttgaaga 360
tctaagttna aatgttatga tnatatcagt gngtncaaaa aaagcaccag caactgataa 420
aaatcgcntn tttgtgcgct acccaactgg ttaaagccaa tgtgatcttt tatggngaaa 480
ctcctaagan acangtggtt ttgctgnaaa cttgncanac ccttaattat agncggtgct 540
aatgagccta ctgcaatata aagccaccat tnttttttat caaacatctg aattcatttt 600
acaaaggcta ttgttagggc attattttga gcatctattt tgaggtgatg ttnanaaaac 660
tttaacntca aatcaaattg aaaattaatn taaatatatt gncttaagga ccttctaaag 720
aatgtgccac cagactttaa tggatagtgt cnannatcct tgnctaanaa caaaaaagtt 780
gcttaaacat ttcttttaca aganggnntt tt 812

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```

<210> 4919
<211> 782
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(782)
<223> n = A,T,C or G

```

```

<400> 4919
ttctaattgc aggttctagt nctgttgaan nccngctat tngattcggc acgaggncct 60
ggctactggg gaggtgatg cccganaanc atgttggecc aggagtnaag gctgcagtga 120
gctttgnttg cacngntgc annncatnct ggcngcecca nngngncecn gccacaccan 180
aaattatgtn ctngnttan nngcntnga aggcctantc tcnaccaga gttncetcta 240
ctggattatt ttagattgt tattaacatt nctggctctn anctttactc agtctggatn 300

```



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agaaaaagaa taccatgcaa ttgttaacta ttngatgttt actagattaa ctattaatat 360
attgttgttg tccatattta agagttactt tgttnctaga gatttcatta tagtggngnt 420
taatatantt ttgggtattt ttaactaaaa atcattgcta tccttcaact gtagattcta 480
ctatgaaatg aggaaaaaatc agcaatagaa ttaattgggt tcaaagtata taaataatga 540
tgtgggaaag ggaagtcnga gggatatctt ggaagaactg atttatctga aggtaatact 600
gngtgaaaga acctaaagatt gtngacanag catgcttnat gcaattntgc tgggtccatag 660
tagtantaga ggctctataa aatgtgttgg ggtgtttttg ncttttaang agacnagtgt 720
ctcgcntat tggcccagga gtttcaaacc tgnagtcccc cngtggnttn ncacctgtga 780
nt 782

```

<210> 4920

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(781)

<223> n = A,T,C or G

<400> 4920

```

agggnncnn tggtctctcc tnaactcnnn nntgncagcc ttnttcgcct accagaaggg 60
gtngggccgc gctgacggcc cagntggcgn tttntctcca ttgtgtatat gtacatagnn 120
tnnatcacta gattgnacnc tcctcanggg cacgaaccgc aacatntatg cngtgccctgc 180
ancnccta atgtgaanngcc tggcacactg gtagecgtgca tcatgaccen tngaattgngn 240
gagtaacnac ctgccnnanc acgatgmnat gcngttcaen tcccctgtgn acnncncngc 300
gnngcaantc ctgccatang agggcgngat tccaacncgn gggnnnactg gcncanctgg 360
gttgnaccat atcatccac atccnnacca ctngctaacc canntcact gnagattacc 420
tgtcagagac ctgcgttcgc tatctaatat tcgngctgag gntcctagga anatctggaa 480
ntggggaaga ttatggagaa aatgaaaang gaaattcggg gagggnggtt ngcagtataa 540
agccctgtgg gggaaaaacat attttagctc ttacttggta aaaagggtna ncagaacctc 600
tggtttcttt accaangtcc nctggntngg nccatttctt ccaattggat gaacnacccc 660
tttgggtttt tannctcctt tntcaattt tggggaattc cccnntcnaa tnggctttac 720
natngaantc tgggnanctt naanangtcc taaatanaan ttncctgggg naatntggta 780
c 781

```

<210> 4921

<211> 730

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(730)

<223> n = A,T,C or G

<400> 4921

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cacgagggct gccagaaact cattgaagng gacgatgaac gcaaacttcg tactttctat 60
gagaagcgta tggccacaga agtngctgct gacgctctgg gtgaagaatg gaaggggttat 120
gtgtccgaa tcagtgggtg gaacgacaaa caagggttcc ccatgaagca ggggtgntng 180
acctatggcc gtgtccgcct gntactgagt aangggcatt cctgttacag accaaggana 240
actggagaaa gaaagagaaa atcagntcgt ggttgcattg tggatgcaaa tctgancgtt 300
ntcaacttgg ntattgtaaa aaaaaggagag aaggatatcc ctggactgac tgatactaca 360
gtgcctnnnc gcctgggccc caaaagagct agcagaatcc gcaaactttt caatntctct 420
aangaagatg atgtccgnca agtatgttgt aagaaaagccc ttnataaaga angtaagaaa 480
cctatgacca taagccncaa nattcagccg tnttgntact tncacgtgtc ctgcatcaca 540

```

aaccnngcggc	gtatttgctc	tagaaagaag	cancgttccc	tngaaaaaan	tnnnggaaga	600
aggcntggan	gaatattgct	anaacttntt	nggctaagag	naatngaaan	gatgcctaaa	660
nggaanaagc	nccaaggaan	caaaattggg	naaagnagac	nncnnacntt	ttcctnttgg	720
ngcnaagcnn						730

<210> 4922
 <211> 675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (675)
 <223> n = A,T,C or G

<400> 4922						
gngnngnnnn	nnnnnnngnn	agnnnnnnnn	ngnnagnttn	nnagnngnnnt	ttntnataca	60
gctcttggtc	tttttgagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tnnnccgnt	tcgngtntt	cnnttgagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	ggnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagecgnntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngccttg	ancggggctn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4923
 <211> 675
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (675)
 <223> n = A,T,C or G

<400> 4923						
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gctcttggtc	tttttgagg	acccatcgat	tcgaattcgg	cacgaggcnc	tcctgacnac	120
ngccaagcac	tnnnccgnt	tcgngtntt	cnnttgagn	tatngnaaan	tnnnncattc	180
gtnnnnactg	ggnatangnn	tntatgaata	cnanatgtng	gacttcatna	tgntcacacc	240
natagcatcn	tatganagaa	ttagnngncn	cagantttac	nacanagtan	atgtccnnng	300
tcatgnacgc	agatatacac	aattctnaaa	agtttacctn	attcagntgc	acgacttgga	360
tnaatggact	ggcnataagg	attacatagt	nangactgtc	acaattntna	nagecgnntca	420
nacctnccag	ttcatggaga	ctgatntgcn	canagaagca	ctgngccttg	ancggggctn	480
atgtgcgtct	gatatntgac	cagnaacgnn	caatagcttg	gtattaaaac	cncngcaatg	540
tnngnntgat	tatgacacta	cnaatgttgt	nnacacttgt	acgctacaca	tnnnctacct	600
tacnaatatn	tacttgtatt	gntagagggc	tntccanaga	aatnntnnta	tataccgaat	660
gcaacacctg	ctacg					675

<210> 4924
 <211> 750
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4924

cggnnnnnnt	ncnttttntc	ctaangaaac	ncttntgant	ggcntggcta	cttgtttcttt	60
ttgcaggcac	ccatcgattc	gattcaaggc	ctctcgagcc	tctttaacta	tagtgagtcg	120
tattacgtag	atccagacat	gataagatac	attgatgagt	ttggacaaac	cacaactaga	180
atgcagtga	aaaaatgctt	tatttgtgaa	atttgtgatg	ctattgcttt	atttotaacc	240
attataagct	gcaataaaca	agttaacaac	aacaattgca	ttcattttat	gtttcaggtt	300
cagggggagg	tgtgggagg	tttttaattc	gcggccgcgg	cgccaatgca	ttggggcccg	360
taccagctt	ttgttccctt	tagtgagggt	taattgcgcg	cttggcgtaa	tcatgggtcat	420
agctgtttcc	tgtgtgaaat	tgttatccgc	tcacaattcc	acacaacata	cgagccggga	480
gcataaagt	taaagcctgg	ggtgccta	gagtgaagta	actcacatta	attgcgttgc	540
gctcactgcc	cgctttccag	tcgggaacc	tgtcgtgcca	gctgcattaa	tgaatcggcc	600
aacgcgcggg	gagagcggt	tttgcgtatt	gggcgctctt	ccgcttcttc	gctcactgac	660
tcgtcgct	cggtcggttcg	gctgcgcgag	cggtatcagc	tcactcaaan	gcggtaatac	720
ggntatncac	agatcanggg	gataacgcag				750

<210> 4925

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1302)

<223> n = A,T,C or G

<400> 4925

gnccggcgcc	agtgcngtac	ccanagcaga	acgacccgta	aaacccttgg	ggaangnccg	60
ggaagggnen	cnngngccgn	ncncaacncg	cncncnnnac	acccnttttt	ncctccattt	120
tancaccann	atngncnnan	cangggggng	nannacngng	naaaaccng	gngagnnccc	180
nnccgcnggg	ganncanang	ngcngnnaag	naaccngng	cnncaancan	ccngngcgng	240
cccacanaca	cnggccanaa	gananaagca	agcgnaacgc	gncgaagncg	ggngnacagn	300
aanaaacnnn	cngcacngcg	naaaangccg	cncaacanna	gcnaagggng	aacngnacac	360
ngccngancn	cncgncggan	ncacngannn	ncgcannanc	gcacangagc	gganaccacc	420
cagcnggcca	naangcggca	canacgncnc	ggggnnnnnc	anccgngncc	canangnnna	480
gaennggna	caccnncca	ccccnangcc	nagannncan	aannccnagn	naccnagac	540
annacnnnnn	ganncnncnn	cnanccgagg	nacannncng	nannngngac	ccnnnnctnn	600
nnngccnana	nannccnnac	ancnccccca	nccncccgag	ngaaacncnn	naangaccan	660
cncaanacga	cncncgaca	nnacacnngn	gcccancnaa	nncaacacna	agrnnaaccan	720
acngcncnnc	gnacnaaaacn	ncacgcncgc	ggagcccgaa	ccaacgcacg	acacgcgacg	780
accgancanc	aagaangnga	ccncacacgn	agcgncnnnn	cgcgcgnanc	gccggacnca	840
nngacanncc	gaanagannc	gcggngangng	cacgaancaa	cggccannng	ngganngagg	900
agcnacaacc	ncnacggang	cgangccgna	nagangacgg	accaagacnn	gaanaccgnc	960
gaggccnaac	aaacggncga	cgcccgcgga	ancncacnan	cncngnnggn	canncnngac	1020
ccngananca	cacancgcnc	accacangnn	ngnggaacac	gacaangcca	cgnacanaac	1080
gacgaagcan	gaacanagnn	gncgcaanng	nnancnagnn	nggaanacac	acncgaaccg	1140
aacacanacg	aagnaanaac	aagagcanna	gnagaagcnn	acacagacac	naaacngnaa	1200
ccggcccnna	gnanceccanc	gcncnngcan	cagngcacia	naanncggan	ncctcagcca	1260
aaacngcnac	agnnecgaac	gnangncnnc	acgccanacg	cc		1302

<210> 4926
 <211> 818
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(818)
 <223> n = A,T,C or G

<400> 4926

tgnnggnrta gatcagctct tntctttntg caggatecct cgattcgaa	tgggcacgag	60
yctatttggtg ttttggtgca ctgttntttt tgtttggttg tttgtttatt	tggttggtt	120
tttggagagg gaaatggggg tgaaatattt ctttattgnt gaatcatttt	gtgaatgtcc	180
ccctcaaaaa aagctaattg aatatttggc ataaaggga ttngntggtt	ctatttttgt	240
ttgaggggna ttntcagaaa atcccttttc tctcttacgc ctaactgact	ngggaaccat	300
tgangatntn cntagenttg gaatacttga cattatntac tctnacnaat	aacacattaa	360
gcnagaatna ccaatnttcc nanaatnngc ncttgatcac aaaatgtgan	nnacctntna	420
atgtntanaa ctttatcaaa tttagtnnta ttttccctt cnaaatgtcn	ccctttcccn	480
ggcatttntc tccnttaaaa tattggttnan tccctgaca taccnatttc	catngttcaa	540
cagctttgtn nccnnagnta taanaanttt ttgnanccct ggananttt	tcaatnnccg	600
cnatnangta nccnttcnan cantgttngn gnaaaacccc cntngcaagc	cctaaaaaan	660
gttaagcctt anttgncttt aattncnctt tnnnngcntn actaanncn	catnttcnna	720
nttccttnaa aaatcntntt nggagcccn ccttntntt tacctttgna	ntnnnnccca	780
aacttcannn nntatccaat nctgnttttn cnaaacn		818

<210> 4927
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 4927

atcagntctt gttctttttg caggatccca tcgattcgaa ttgggcacga	gggtgactgt	60
ggagggcgag ctgagccctg gccgccgtca caatgggccc ngagtgtggg	aatctgacgc	120
ggatgcggca tgtgatcagc tacagcttgt caccgtcgag cagcgcgcct	atnccacgtn	180
ttcactaaag gaatcccaa tgttctgcgc cgcattcggg agtctttctt	tcgcgtgggtg	240
ccgcagtttg tagtgtttta tcttatctac acatggggga ctgaagagtt	cnagagatcc	300
aagaggaaga atncagctgc ctatgaaaat gacaaatgag caacgcatec	gnatgacggt	360
tcctgtctc tgaaagacct ttctctggaa gaggagtctg cattgtntgt	ctcaaagaca	420
caataaactt cctatggtct gcanaacaca nnatntntta aaaatttaaa	aattanctgg	480
gcatggtggc aggtgectgt attccactac tcangangct nangccgaaa	tcnntagaac	540
ccnggacgtt gaagtctcag tnagctgant cnttccactg gacttnaanc	tgancnnng	600
antgtnactc catcccaa tnnaaanang tgggantatt acttntcntg	aaacntgcgc	660
ctntangcca attcttaann nnttangtgg naagaacatt tancccgna	tttnaggttn	720
nttnacnatg ctgngggggn nn		742

<210> 4928
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(760)
 <223> n = A,T,C or G

<400> 4928
 aaccgggtgg gccctttttt tgaaaggntt tttttanccc ttngttnnnn cnnnctaaat 60
 annngngntn catcgntcgc ctanngccng ntntgggang cnatgntata ctgggtacc 120
 ttcctatgnt ccttctcaca gcaaaactnn gggactgatc atttgaagtc acccctctgt 180
 gtcttcttgt gaaatggctt gggcgtctct gggctctgac ttgctcatct gggaagagat 240
 ggggtanagg gagttggatt ataaatcatg cttcactcag tcaacagaat gctactcagg 300
 cactaaaaat gatggcgtag ccctacgtat tctgacatgg gaagatggcc acaatctctt 360
 attatgtgga aaaaactagt tgcataggat ttatggnttg attacatttt agtaaaataa 420
 attcatttat ggtggtatat gcaaagaaaa aataatgccg ggcgcantgg ctacgcctg 480
 taatcccagc actttgggag gctgangcag gtggatcact tgaggccagg aggttgagac 540
 cagcctggcc aacatggtaa aaccccatct ccattaanaa tacaaaaaat tagcaccaag 600
 cgttggtggg cacngtgcct gtagtcccag cttactcagg aggctgagat gggagacttg 660
 cttgaacctg gaaaggtgga ngttgcggtg gagcccaaga tcacgccact gcacttcggc 720
 ctngggctac agnccagact ctgtcntcaa aaaaaaann 760

<210> 4929
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4929
 gngnaggnan natttnnaga nagnnnnngn aangtttggg gtnaagagnc attnaaacnc 60
 ttggcnnag gnatcccaan gtngcnaatt nggcacgagg ttgtnttggg aacagtcgtg 120
 nggangaatt gcgagagaac ctaaacggga tctnctgtgg ntgctctgg atganatnga 180
 nttggctaan ggtagaggaa catttccctg ggatatttnn gcccttgata ttcataaga 240
 tntanactgg aatnctaacg cncctaccct gaatgtctgg cctntgnata tctgtgatga 300
 tngtgcggac atatttcanc gggatanaac agncaatta atggaattga cagatgagca 360
 agaaaatgaa ctgatgaaa aagaaagcag tcgactccag aagactggac atcgtgtanc 420
 atactcacct cgtaaagaga aagcactaaa aatatacttg gatggagcac caantaanga 480
 tcctgtctaa gactgactct gatagttgta gcanttttcc cttgggggga agttnnnngt 540
 ttttnaanaa ggatgggttc cactaccac ttgggggaang ttgcccattt tcnnnccggg 600
 accaatgngn nngnggggtn aaccncagg ngaaacnaacc antcgccttg gaatgggna 660
 cctngnnncc ttanccaancc tcttcnagaa agggcntttn agtgggcccc caaanagggg 720
 ncccanntgg gtcccatnga acttggggaa atccannngn tttganncca cccaatnagn 780
 gncaanaaat ggtcccnggg aaaaatntgg tcaataaggg ggattgaggc cntanatcaa 840
 ntttncctng gcnncccaac cntaaaaaaa ggcttnnccg ngatccc 887

<210> 4930
 <211> 804
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(804)
 <223> n = A,T,C or G

<400> 4930

tccccccnt	ttgaannccc	tttntttaat	nnncatanag	ctacttggtc	tttttgagg	60
gatcccatcg	attcgaattc	ggcacgaggc	tccctatgat	gcctgctgga	atgcctgtcg	120
aggagacagg	tgggaagact	tgtccagatc	acagggtgcgc	tgctatgtcc	acatcatgaa	180
agaggggctc	tgctctcgag	tgagcacact	gggactctac	atggaagcaa	acagacaggt	240
gccccaaattg	ctgtctgctc	tctgtccaga	agaaccacca	gtccattcgt	cagcccagat	300
tgcagcaaac	acctgggttg	agttgacagc	ctcattgggc	cagagacaca	gattggagag	360
aagtcatcca	ttaagcgctc	agtcattggc	tcacccgtgc	tcataaaaaga	tagagtgact	420
attaccaatt	gccttctcat	gaactcagtc	actgtggagg	aaggaagcaa	tatccaaggc	480
agtgtcatct	gcaacaatgc	tgtgatcgag	aagggtgcag	acatcaagga	ctgcttgatt	540
ggaaagtggc	cagaggattg	aagccaaagc	taaacgagtg	aatgagggtga	tcggtgggaa	600
tgaccanctc	atggagatct	gagttctgag	caagtcagac	tccttncttt	tggcctncaa	660
agccacagat	gttggggccg	cccacctgtt	taactctgta	tttatttncc	aataaagaag	720
gctttcaaan	gcattgcttg	anacttgttg	agcagtccaa	acttcatgtc	aggtgggctt	780
ccagtgtaca	caaaaaaaaa	aaaa				804

<210> 4931

<211> 887

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (887)

<223> n = A,T,C or G

<400> 4931

gnagnagnan	natttnnaga	nagcnnnngn	aangtttggg	gtnaagagnc	attnaaacnc	60
ttggcnncag	gnatcccaan	gtngcnaatt	nggcacgagg	ttgtnttgga	aacagtcgtg	120
nggangaatt	gcgagagaac	ctaaacggga	tctnctgtgg	nttgctctgg	atganatnga	180
nttggtctaan	ggtagaggaa	catttccctg	ggatatttnn	gcccttgata	ttcatcaaga	240
tntanactgg	aatnctaacg	cncctaccct	gaatgtctgg	cctntgnata	tctgtgatga	300
tngtgcggac	atatttcanc	gggatanaac	agncgaatta	atggaattga	cagatgagca	360
aagaaatgaa	ctgatgaaaa	aagaaagcag	tcgactccag	aagactggac	atcgtgtanc	420
atactcacct	cgtaaagaga	aagcactaaa	aatatatctg	gatggagcac	caantaanga	480
tcctgtctaa	gactgactct	gatagtgtga	gcanttttcc	cttgggggga	agttnnnngt	540
ttttnaanaa	ggatgggttc	cactaccac	ttggggaang	ttgcccattt	tcnnnccggg	600
accaatgnng	nnngggggtg	aaccncag	ngaacnaacc	antcgccctg	gaatgggna	660
cctngnnncc	ttanacaanc	tcttcnagaa	agggcnnctn	agtgggcccc	caaanagggg	720
ncccanntgg	gtcccatnga	acttggggaa	atccannngn	tttganncca	cccaatnagn	780
gncaanaaat	ggccccnggg	aaaaatntgg	tcaataaggg	ggattgaggc	cntanatcaa	840
ntttncctng	gcnncccaac	cntaaaaaaaa	ggcttnnccg	ngatccc		887

<210> 4932

<211> 807

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (807)

<223> n = A,T,C or G

<400> 4932

nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnccnnnna	nnnnnnnanna	60
gttgaacgca	ngaaaagccgt	ggnaaggcgg	gaaccaaccg	aancngggaa	nggcnataac	120

aannagnnga	tgtgnccagn	netctgnatc	tnngacttng	atgetanata	catcatgnca	180
tnngnngctn	ctaagggat	aagccataga	ggctncncca	ggtagaaaag	aacagtaaag	240
nacctggaaa	accaacattn	nngaattgnat	ggacactgga	catgagatat	gnacaatgaa	300
ancttaaaaag	aatctaagaa	tnngccctct	ttgccccact	ccaccocagna	atnagacatt	360
actagncca	tgtataggac	ccaactgagt	attagaatca	gnnnngacta	tgncnnngna	420
tngectaaat	ctgttaatgc	ataaaaccgaa	tnagggtcca	gnnggectgt	naatggtaaa	480
nntacatnan	aaatgactca	gcnnngagnat	ncngggcgag	tnngcaatgn	gataatcaga	540
tngggnaaaa	ctgatnaatn	ngcaaactng	agngggngna	cncacagacn	aaagnangaa	600
ccacagnnaa	ctagggggac	caggnggnaa	gnngaaaaca	cncacaagng	annnnngnnn	660
ngggnaaggg	ngggngnaan	gganggaaaa	ngngnnnnag	gaggggaagca	aaacnnaaan	720
gggncnggaa	ccaaagccng	nncgnaaagn	aaaannnnng	gcnggaagaa	gggggnggna	780
accgcaaacc	anngccnagg	gggnnnnc				807

<210> 4933

<211> 925

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (925)

<223> n = A,T,C or G

<400> 4933

cgngcttttaa	ctnttnaaac	cctttgcact	tnenctttnt	gcaggatccc	atccgantcg	60
aattengcac	gagagagggg	ggggtctggc	cacatagggt	ttntgnggc	tctggnetgg	120
ggntagacac	tgacagggac	tagnattnat	tggacttgcn	aagacagtcc	ctcanattna	180
gcaactnctt	gentnntatg	gtnggcatta	tgaagccanc	ntagnngnnng	taaantanag	240
ccctncatct	ntnctgngna	gccccntcac	tgggctngat	gtcatcatcc	aaaatctgca	300
nantctgnca	caangancca	tgantactta	annaaagggg	anntctngaa	cnggntagca	360
agatcnaanc	atancttgct	gngetnccan	ggnacnncan	cctnannenc	tgncnannng	420
cnatatanac	ggtcangggg	ccttgatcca	ngaactctnn	tgtactatga	tnananncca	480
caantntgnn	aaacctncat	gtancctnna	nagttgnnnn	tgngcanaat	cgtnctcacc	540
aanantnttc	ccnccganna	actetaactt	ntnattnann	nctaccngtn	antnttnnaa	600
tgtnnacaac	nnctnnannn	ccntccnnat	tctaaggaaa	angnntctac	ccctantana	660
tagnntcagc	atccactana	cnnctntgct	ngcctccgat	cccactngcn	cgcncntgt	720
ntnnngactg	ccccccctngn	nettnctctn	garanattct	tnggatacta	cccaaatt	780
ntgggnnanc	tactgcacat	ctnntcannt	nnnncgcatt	tcattnatnta	tantcancnn	840
nnenaatncn	cnngetnctn	cttacnaana	ntnencante	gcggcggggc	gnncncatan	900
tannncngnn	ncannnaaag	nngcg				925

<210> 4934

<211> 1025

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1025)

<223> n = A,T,C or G

<400> 4934

gtnttcattn	actttcntaa	tnnnntggga	ntctctgaan	gaenccnatng	antngnnttc	60
ggcacgagta	ctgctccttc	attcccaagt	aagaaangnc	aggntctgct	acttccaaaa	120
ctcagncaag	acttgaaggt	gaantgactc	ctaattcctt	gtcaaccagc	tacaagacag	180
tgacatctgn	cattaagctc	tccaaacata	aagctgaatc	tnactagccc	taaaaggggt	240

cagaatagat	aagaaagggtg	ganagaagtt	gtncnaagggn	catagaaatn	gtctgntcca	300
gcctcantgg	tgtcnaggat	aatggcgang	aggaggatgc	ancattcact	tgcaatacca	360
ngatgtttac	tggancccat	anttnatgtn	ggattnanac	naataangat	aangaaatgg	420
gcnaangaag	aattggatnc	ancaattana	gggggtcggn	ncaatgnaan	tcatacnang	480
cantattgct	aattttcaaa	cnttaattnc	aaatgcaaca	ttcatntnct	aggatncctg	540
gnttttnngt	aaacttnggt	aanaaaacttt	nggattttcc	tnaanannan	ttcaatnntt	600
catnatanca	tcccnttngn	acnaggntac	tcctaanaat	ncnaatttnn	attgcnctaa	660
acctttntnc	tcaantctng	gggannttaa	tgggnntcnc	cntatantag	tnatntgaat	720
ttttctaaga	tcacanaaaa	aaatgggcca	tttgtctcac	atntatatgg	nggatggcct	780
ctccntaaaa	cntccttntt	ggggtanaat	acctttttnn	ncacaangng	cttacatcnc	840
taantctctt	nttggtatat	actnatacac	agtatttntt	ctaananctn	nccgngnttc	900
taacattntc	naaannnctc	tttaaaaatt	ctntgnanaa	aattcgtnng	ctcncnntat	960
catcncnant	tnataatnct	ngtantnatt	ctnttcannn	acaaaatacg	cctcncgntn	1020
gntcc						1025

<210> 4935

<211> 750

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(750)

<223> n = A,T,C or G

<400> 4935

antgangnnn	ntttcnnaga	gncagctctt	gttcttttttg	cagggatccc	atcgattcgc	60
tgaaatgact	tccttaggga	tagagctaag	ggataataac	ttgcactaaa	tacattttaa	120
tacttgattc	catgagtcag	tttattgtag	tttttgattt	ctgtaaaata	agagaaactt	180
ttgtatttat	tattgaataa	gtgaatgaag	ctatttttaa	ataaagttag	aagaaagcca	240
agctgctgct	gttacctgca	gaactaacia	acctgttac	tttgtacaga	tatgtaaata	300
ttttgagaaa	aaatacagta	taaaaatagt	tattgaccaa	atgctaccag	gctctgcagc	360
agctcggggg	cttataaaaat	gttcataagg	atgttacaat	ataattttgt	gttataaaaat	420
atgccattat	aattatgtaa	taacccaaaat	ttcaacctag	agtgttgggg	gtttttttgga	480
aaccgcagtc	tattagtact	caatggtttt	atacacctta	cttctgacag	agcggggcgt	540
atgctacgac	tacaactttt	atagctgttt	tggttaattta	aactaatttt	ttcatattat	600
attggtgcat	ccctacttct	tcagtcagggt	ttttttgtgc	ttacaatttg	tgataactgt	660
gaataactgc	ttaaaaattc	acccaaatgg	gangctgaat	tttttcttca	gccaaaagta	720
agttttgatt	aggaactttg	gttcaaccn				750

<210> 4936

<211> 1500

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1500)

<223> n = A,T,C or G

<400> 4936

cgcccttgtc	caaaaacggcc	ttgngncecca	aatcagctctt	ggaaaancct	caaatnctct	60
ctanacagaa	tnngnggctng	gggnanncn	cnttnncatg	gnncggnttt	atctcnactc	120
nttttttatg	aggtctctttt	tttcnatctc	tanganncct	tctaacnggn	antanncaact	180
cncggggngn	anctcnnttc	gngggggntn	nactaanctca	annntgnnnn	tctatanatn	240
tttanntnct	nnacatncca	ctcntntant	cctctgnnna	tnccnaacat	nnatacnct	300

caccencttta	cncatancncn	cannacanac	ctatctnate	actcngnnnn	cnnnaantcg	360
gccacataat	catnctnctc	acnnntacta	ntncttcatt	ctcnaennte	tctnttctnt	420
acnatantnt	ntanctcctn	tttctctnt	tectctnenc	ncantttctc	ancnctgcct	480
aatanactta	ctnnntctcc	tcnntncaca	agtcngtacn	tccgtctccc	tntnnatnac	540
anactatntn	ctcntatnnn	acannncttn	catatnntnn	natnttnnac	cnnncantc	600
nnttaentnt	ccctnncant	agntctantc	tnctacntta	ctctnntnat	ctnnctnttc	660
anctantnnt	cacanttcan	ntcctatnnt	ngnccntctn	attcanntcn	tcttatntcn	720
gnacantctn	acncannntc	tcnnnctnn	tntcatanct	ctntnnacnt	ntaacctact	780
antcttnnac	tctcgtncta	cctactcncn	ctntantgnt	actntacctc	ctantaatct	840
atnctctctn	gntntnnnac	ctcactnctn	ctctatacnn	ncgatnanag	ntntnacaat	900
ntctcgntag	ttanangtnn	cgcgncttac	cnnnataccn	ntntnctntn	anactactct	960
ctctctctaa	ncnctctgct	cntatactat	actcnatcna	tatgttnatn	catntctctc	1020
ncnntnannc	gtngttnntn	accctctntn	tatctntnctn	ncngntcaac	nnncttntna	1080
catnnenttn	acncatatnn	atnccgntaa	tctacatnctn	gctctnctct	ntnccctaca	1140
tacgtctcnc	nnantcatct	tctnatattn	aatgacacnt	atntcatnnt	acgtntnttg	1200
ntantttaat	cnccttccat	aatctactct	cttatnctan	nngctctcnn	cnatanctat	1260
netenatatn	ntaactctcn	nnnncaacta	ngatcctaata	gtntntctcn	ncnntnctg	1320
atatctanaa	tnnanntctt	ttncnataaa	ctnnangeect	ctctaactncg	acagctctnct	1380
ctnatatana	nganaccaan	atccatacct	ntnntctttn	anatactntc	nattgactaa	1440
ctncttntta	taantaacgta	tcnatnccan	atatcttgcn	tctctntttc	ncnccccgc	1500

<210> 4937

<211> 812

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(812)

<223> n = A,T,C or G

<400> 4937

ttgtanctaa	tgcgtggttg	tgcgttcttc	tccangaccn	agcgnttcga	attcgggcacg	60
aggggaaggt	ctggctccag	cttgagccca	ctcacaggat	gtcaggggga	agtgtgacta	120
aggctcaggg	cacgccacgt	gggtgggccag	ctggatccag	agcagggggc	gttgtggcca	180
cacatcctga	gtttccatgg	tctaattgcan	tgggcttgaa	aaaaaagggt	ggatgcagga	240
tgcgtggtgg	gactgtggag	tgcgtgggca	gtaagtctta	agtgcagtg	gggtggagatt	300
acagcatttc	atctgctttt	cctttgacac	cttttaaaga	tacaaccac	agttttcaag	360
ggtttatgcc	aatgtctgct	agagggatct	tgcagtagat	cttaaaccct	atagtattct	420
taagagcaca	aggaaattct	tatttgggtt	ccattttaca	caaagggtga	aattttaaaac	480
taggcttgan	atttgaaatg	ctggtcacat	ttaancantt	tatttngggg	gggtaatatt	540
ttggaaatcn	gtctttaant	nanttttaaa	nanngttttn	ccncattttt	naaaaagggg	600
ntacctttnc	antttngntc	ctttcaannt	tttnnnnttt	ggnnaaaaaa	tnttnnnngn	660
ttnaaatgga	atgtttttta	ccagggnntt	ggggnttttt	naaaantttt	nnaanggggn	720
ntatntntgg	gnnccttntn	naattccagn	ttntntnccan	nnttngaant	ttnnccccct	780
tnntngggna	aaaanggnna	ttgntttttt	tn			812

<210> 4938

<211> 783

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(783)

<223> n = A,T,C or G

<400> 4938

ttgaaacccct	ttgaaacccct	tttgcaanct	acttggtctt	tttgaggat	cccatcgatt	60
cgcaaatacc	taatgcatgt	ggggcttaaa	acctagatga	cgggtagata	agtgcagcaa	120
accaccatgg	cacatgtata	ccagaaaactt	cacattctgt	tcatgtatcc	cagaatttaa	180
agtaaaat	aaaaaaagaa	acgtactgga	aaatctgaat	agaccctctg	ctggaagcat	240
tatgaaaagt	aaataaatgg	atatactgca	tcatectcag	aaaaaataaa	aaagaaagaa	300
aatgcctgcc	cccttctgcc	cacaaaacag	attaagcagg	ggctcattgt	tgggtgcaga	360
agagttgagt	gtaatacact	gatgggtatgc	acttgatttt	agaaatatct	tactgggtgac	420
atttctgaaa	atttgccaac	tcataatttt	aagaatttca	aaatgtaagt	ttttatttaa	480
ttgcatttga	attctactaa	ttgcatgtaa	ttttttatta	ctaattcaga	actaagaata	540
taggccttaa	attcctccta	aattaatgtg	aggcattttt	cctaattcat	tgtcacgaat	600
tattatgaan	gtcatctgct	gtattacagc	agtcataact	cgattgttcc	ttctgtgtct	660
tcagataggt	tctttttctt	ttcctgtgag	tatgtaaaac	agcaaaccac	gtagatgggc	720
ttattttggt	acatccatac	ngaggaattt	tatgggctta	ttaaaaggat	gcttacagga	780
gat						783

<210> 4939

<211> 1150

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1150)

<223> n = A,T,C or G

<400> 4939

tnccgttnnn	attnnntgtg	aaccctttct	tcncacctnc	ctggntgnga	atnctgcacg	60
agaggcattg	nctgccttcg	gctttatttc	tgctgactan	ntatctccta	tnnagagcta	120
cggaatgcc	caaaagaaaag	gctgcaggctc	aaggtgatata	gaggcatnga	gccaaagaga	180
agatctgcca	ggttgtctgc	tatgcttggtg	ccagttncac	cagaagtga	gcctnaaaag	240
aacatcaagt	tcnaggaaaa	tgaagacnaa	nagtgatntg	atggaagaaa	acatagattc	300
nagtgcacca	gccagttgct	gaaacccaag	cnagaagcaa	gttgttgaag	aagactacna	360
tgaaaaatgc	taaaaaatng	gagaaagccc	naaatttcna	gangcnccca	gctttcttga	420
aaaaaagaaa	ttgttgggaa	nntttaaaag	gaatgaanaa	ttatttgaac	gattgcccc	480
nannaanaag	ggggtnggga	tgaattagga	annggaaanc	ccgttnncca	tgcngcgaaa	540
ntttnaaana	natnggtatc	naacgaattg	cattctcnaa	nnggaaagt	ttgcantnan	600
annattcnnt	anaccgnaaa	tnatcaaang	gggnnngaaa	gccctttggt	aannaatgta	660
tgngtccctt	ntnggnttgn	aaaaaaaaan	ggngggggga	aatagtaaag	tnnttngngt	720
aaaatangnt	aggggatttn	tcaacnaatt	tnnggganan	anattggnag	ggnaaanaan	780
ggngcncnna	taactaaatt	gcccnnanta	tggtnaanct	tanntnntgt	nntngnatan	840
ngnggggnnac	nntatatatta	aaanggggag	tgcnanatt	gaaccngggg	gtanaaaata	900
tggggnaaaa	aatttggggg	aatataaann	tantttgngt	atanaanac	nnttnntnan	960
anaggggggt	cttatanggg	attngtatat	caatnntatt	natggtgcaa	tgtntaanan	1020
cacnctcgnn	aaaaatcggg	ttaaanaccn	naggggtcatg	anatntngtg	gnannatnca	1080
gntggttaaa	tttngtanat	atattttggg	ngtaananng	tcttgcttaa	atnggggnnta	1140
ggtcatttcc						1150

<210> 4940

<211> 991

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(991)

<223> n = A,T,C or G

<400> 4940

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ggnnngccgn nanenggacc nteancgatn tnnacnnttt gnnnaaccccc cccccgagcg      60
cgggcggnga gcnngtgata ttnggannag atggaaacan ctcnagttgn ngccttttnt      120
gtcacennag tgcgaggggg ngnatnggtt nnaananaen tcnctnccan gncctnctt      180
anancaccca tctaaancac aaaattcntg aagnggccgn tcagtnnngg canacccggc      240
ctccnagnta tgtataacct gtctgttctt atnggggatnt ntctccatg tgagatatan      300
gatgcgtgcn atncgtaaaa ggnggtgcna gtgctncttg tnaggnccecg acacattang      360
cgcttantcc nttaattagn ganccttgcn tcangggaaa ngggcttttc tatngaattg      420
ggaataanat aatgggntan nctttttttt naanctcccc agctcnanta angntgctta      480
atggngcanc tacaatnctc cganacttcc aatgtgggtt gtcnatanne nacccttnna      540
ttgncggggg ggtccaaaag aantgcaa atctacctt tgggcccac caaangaccc      600
ctttcaacca tgnctctttn tcgnncgggg agagaaacna tnnccngggg ggtnaaaagg      660
cctncccccc cntntntttt ccccccaana gggggaata nanangttct anctccntat      720
nctttttcca agcctatttn nggtnggggn ggnggttngc nntntctcca atangcccc      780
aaagnatttt catttgttta ananttnccc nacnttctt gattttttaa aanataaaaa      840
tggtcctnnt aagangaaag ggngnngant nntaaacnaa agcnnnaaga aagnagaaan      900
nccttttttag aantttnta nactnttenc aaatgnngan antacctnat tcggggntgg      960
tnnctnntna tnttggttac gantggctgg c      991

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<210> 4941

<211> 1075

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1075)

<223> n = A,T,C or G

<400> 4941

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cnnncttenc ctenntgaac cnntttgnaa accnccentn atgcaggatc ccatcgattc      60
gaattcggca cgagggtgc tggagctggc aaggtcacca ntttttgccc agaaagctca      120
gaaggctaaa tgaatattat ccctaatacc tgccacccca ctcttaatca gtgggtggaag      180
aacggtctca gaactggntn gtttcaatng gccatttaag tntagtagta aangactggg      240
ttaatgataa caatgcacg taaaaccttc agaaggaaag ganaaatgtt tggnggacca      300
ctnnggtttt cttnnntgcg tgtgggcanc tataaaggga ttagtnnnca aaaatcagta      360
cctttttaat gggaaaacaa cttgacccaa aaaattttgn tccacaagaa aattttggag      420
gaccccattn aanaangagn ttaaaatnga ggaaaaanaa aaaacgngcn tnagagaaaa      480
cttcgggagg cccctcttaa gaacctaat aggtggagga tccgnaattt naccgngcgg      540
gaatcccaaa gaaccaatgg gaataaangg gattaccnt ttnggattgg aagccttttg      600
gggacccaaa aacccaacca aaccttaagg naaatggnc anntnggaaa naaaaaaaaa      660
tgccccntnc aaatttnggg gnggnaaaaa ttnangnggg aatngcctaa tngggccttt      720
gaaatnnnnn gggnaacccc anttnattaa aggcengggc aaagtnnaaa cccaaggntt      780
nngacccaaa ccaancccaa attgggcaat tccnatntn nnaaanggnt nctccanggg      840
gnttccaaag gggcgnaaan gnnnnncnnc nnacnnnnnt nnnncaannn acnnncnncg      900
nnnctnnta cannantnan aannntnnn nccnnnnnnn cncnccanna nccnennnnn      960
nnncanacnc ganannncnc nnnnncgnan annannnccn nnannaancn ncatctnann      1020
nacncaanna nnananannn nnnnnnannc nnannnnnnn nnnnnnnnngn cnacc      1075

```

<210> 4942

<211> 741

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(741)
 <223> n = A,T,C or G

<400> 4942

tntttcctta	cnaccagcta	ctgntctttt	tgcaggatcc	ctcgattcgg	aaatatagag	60
agatgtggga	tttgaatgcc	catgaaagac	attttatttt	acttgaatat	attcttgctt	120
cactttaccc	tccataatat	gttggtacatt	agtgtctgac	aagtttacag	agttacattt	180
tgctttccta	accattcagt	caggaattaa	aatatggcat	tgtataacaa	ctgggaagaa	240
gctcatagt	gatataaatt	agagtagata	atgggtcacc	ttgatagcct	ctgtttacat	300
tacttgtata	tgggcaaaat	aattattacc	tatacgtgta	tttaagctta	attttcatat	360
aaacagtatt	tttaattctat	gttaaaaatag	ataatatcta	aaagtgtgat	ctctaggtag	420
tccttagttt	attagtactg	tacttcaaaa	agatttttaa	ataggtccgg	cacggtggct	480
catgcctgta	atcccagcac	tttgggaggg	tgangcgggc	gaatcacctg	aggtcaggag	540
ttcgagatca	gcttggccaa	catggtgaaa	ccctgtctca	actaaaaata	taaaaattag	600
ccgggcgtgg	tggcangcgc	ctgtaattcc	cagctactcg	gggaggctga	ggcnngagaa	660
tcactttgaa	cccanggggc	agaaaagctgc	agttagccan	aatcgctca	ttgcactcca	720
ncctanggga	cangagcgcg	n				741

<210> 4943
 <211> 887
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(887)
 <223> n = A,T,C or G

<400> 4943

annnnnanng	nntnnnnngg	nannnnncan	ncnannnnnn	naggnnannnn	nnacnattcn	60
cccctttcct	aanagaacttg	genactcngc	nctntccgca	agnagnnnng	cgtnnecggt	120
tgngaggaaa	tccaaagctg	accaaaccat	gggtccccacc	ttttggagct	tacagtctgt	180
actggggaac	agagattcag	ccaaagtcaa	gaaacactgg	atgccagcta	gattatctgt	240
tctgtgcttn	ggtgtctata	agtacatatg	nggatatggg	ttcattnnat	ccctaaactt	300
agtaccaaac	cagcatttaa	tatctaatta	taaatctaata	tnggcctaaa	ctttattatt	360
gcacactgcc	tgaacaaaac	ctatttgcct	ctatgtaaat	tttttccctca	tggacaagg	420
gnngaaaatg	aaaatatnt	aggatttatt	caaaaacaga	ctattctgnt	ntcagctnca	480
gaantgnacn	atgaatccta	aggaaccntc	tgccaacang	ttgaggtnng	ctgnnecgaa	540
agaaagaana	aagaggcggn	aanntctcag	ggagaaanta	nnnccnntnc	ttttctatnt	600
tcagcanacc	ntggaggggg	gggcgagaa	caagaantgt	aaaggaggga	tcagaaaatg	660
gggaatnctt	nggcagctgt	nngaanaatga	tgangaagaa	nctcnnnant	ctcagttnc	720
cntnngnttc	cctatnaact	nttgataaaa	atnngggntt	nggccaccaa	aannacnnnt	780
gencncaaca	gcttcattgg	nccnnaatnn	tccaaccnct	gatcggnnna	cnntcaaaag	840
gctannggan	ccgtnnecgt	tanaantngn	aaacnangcc	caccccc		887

<210> 4944
 <211> 1201
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1201)
 <223> n = A,T,C or G

<400> 4944

nccccacnn	cnncnnacac	nnanacnacn	cacacanann	nccnancnnn	nnnncnancn	60
aaccnanaat	ananaccnnc	cacnccnnan	ancanacann	nacnnncncc	anacnaanaa	120
aaaaanctnn	cannnnnnana	nacaaaccnn	ganaganagg	ancncttttn	cnaanaaaaan	180
acncgggnan	nnnncnggaa	angnannaca	cgagagnnga	nactngtnaa	nagccccctt	240
tgcnaaaaac	nccttngggc	aaaancnccc	gcctcannac	cananagnnc	atngnnncnc	300
ntacnacgcc	naancatccn	aatgcctca	gctannnnngn	gggangnggg	gaacccccaca	360
acanaacnan	anannacncc	nacctaennc	acnacannna	acnngaccat	cactccaacc	420
aggacaacnn	caacaaacta	cnnananceg	acnaanatct	nancacanc	ctctancaac	480
cannacacca	acaccaacnc	ctncatcnac	anccccaaaa	aggcacnaca	ccncanaccc	540
catcaccatc	acanccaaaa	aaaatnnnng	ctccnaccac	nccacaacnn	ncagtnacat	600
cancggaaac	cangattaca	nnanngannn	caaacancca	tcgcnncnc	ntacaacagc	660
gnnaannaca	tccaaaccnn	gaanccaaaa	ncgacaacat	nttatnccca	acaanagggc	720
aacangaaca	accccnngan	angnganaaa	atanacngaa	aaangcnata	ntccnatcac	780
ccaannncan	aaacacntnc	tnnnccngg	nacannncca	taaaacacat	agccctnaaa	840
aacaacnnnc	naaaacccag	acnnnancnc	caaaacccaa	anatctcgcn	anaaaactcta	900
ananatcnaa	ccaannanac	taanacnct	canaaaaaag	cctcnacgga	ggaaaaaaaan	960
aacacctann	acaaaaacanc	accacnctgg	annacaaaaa	anctcncnca	agcncctcta	1020
cantataaaa	accccnnnac	tnacacnnc	cccacanaca	canacncgca	acctcannnt	1080
tcaataaaaa	atcnacacan	acnancact	anccnnncaa	nacnantngg	angcaaaancc	1140
cnaaacccnn	tntntcnann	nngncccccn	aacctcnca	naaatnccaa	nacaancanc	1200
c						1201

<210> 4945

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4945

cnttttnttt	tcttttcaac	angetcttgn	tctttttgca	ggatcccatc	gattcgaatt	60
cggcacgagc	ccagatgggg	gtgtttttca	ggtctctcac	aaatgagaca	agcgaaacaa	120
ttgtctcctt	ttattctctt	tgggtgcattg	gtgctgggga	aacatgaact	agcggcagtg	180
taactgcaga	acatagaccc	agttctacca	ggccaggcca	gcactgggaa	ccgccagaca	240
gggctgcttt	gggctttgct	tacagtattt	ccatgtgtag	cctggcggtg	gagaaaagtat	300
taggtgaaat	gccagtttca	tggttcaggt	gaaagtctgt	gatcattccc	ctcgtggctc	360
gtccttcaca	tactttttgc	ccttcaagga	gttgccgcgt	ccccgcctcag	tgcccgcctg	420
agccctcaga	gtccccctgt	gcttttctgg	atggggactg	gcgggggtcac	ctagcctcac	480
cgtggagcca	ccgtgcaatg	cccctctctg	agaggccac	gcagtattcc	tcgtgccctg	540
tgtagtgcn	ttctgtataa	gggacagaca	gaactgggtt	tttttctctc	tgctgggttt	600
tagagttaaa	tgtaactaac	ttttattttt	cccctttatg	aaagatagaa	aattattttt	660
atggtagttt	tccagancct	tatacaaaaa	ttttttgtta	aaaatgttct	ctgggaaaag	720
ttaactncna	cgaatgtaaa	atattgcctt	ctaattaaaa	taaccannn		769

<210> 4946

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(769)

<223> n = A,T,C or G

<400> 4946

```

enttttnttt ttttttcaac angtctcttgn tttttttgca ggatcccatc gattcgaatt      60
cggcacgagc ccagatgggg gtgtttttca ggtctctcac aaatgagaca agcgaaacaa      120
ttgtctcctt ttattctctt tgggtgcattg gtgctgggga aacatgaact agcggcagtg      180
taactgcaga acatagaccc agttctacca ggccaggcca gcaactgggaa ccgccagaca      240
gggctgcttt gggcttttgc tacagtattt ccattgttag cctggcgtgt gagaaagtat      300
taggtgaaat gccagtttca tggttcaggt gaaagtctgt gatcattccc ctctggctc      360
gtccttcaca tcacttttgc ctttcaagga gttgcgcgt ccccgctcag tgcctgcctg      420
agccttcaga gctccctctg gcttttcttg atggggactg gcgggggtcac ctagcctcac      480
cgtggagcca ccgtgcaatg cccatctctg agaggcccac gcagtattcc tcgtgccctg      540
tgtagtgcn ttctgtataa gggacagaca gaactgggtt ttttttctc tgctgggtt      600
tagagttaaa tgtaactaac ttttattttt cccctttatg aaagatagaa aattattttt      660
atggtagttt tccaganttt tatacaaaaa ttttttgta aaaatgttct ctgggaaaag      720
ttaactncna cgaatgtaaa atattgcctt ctaattaaaa taaccannn      769

```

<210> 4947

<211> 738

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(738)

<223> n = A,T,C or G

<400> 4947

```

ntttcaaact gcttggctac ttgttctttc tgcaggatcc catgcgattc gctactgagc      60
ctggcttgca actggggtga gctccacctt gaacgtcgat cctcctgctt ggtggagcca      120
tcccagctga tgccacatga agcagacaca agctgtccct actaagctct gctcaagttg      180
gatattcatg agtgaaataa atgactgtta ctaagtnaaa aananaaaaa aaaaactcga      240
gcctctagaa ctatagttag tcgtattacg tagatccaga catgataaga tacattgatg      300
agtttggaca aaccacaact agaatgcagt gaaaaaaatg ctttatttgt gaaatttgng      360
atgctattgc tttatttgta accattataa gctgcaataa acaagttaac aacaacaatt      420
gcattcatth tatgtttcan gtccaggggg aggtgtggga ggttttttaa ttcgcggccg      480
cngcgccaat gcattgggce cggtaaccag cttttgttcc ctttagtgag ggttaattgc      540
gcgcttggcg taatcatggt catagctgtt tcctgtgtga aattgggtat cgtccacaat      600
tncacacaac atacganccg ggagcataaa gtgtaaagcc tgggggtgctt aatgagttag      660
ctaactcaca ttaattgcgt tgcgcttact gncgcgtttt cantcgggaa acctgtngtg      720
ccanctgcat taatgaan      738

```

<210> 4948

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4948

```

gncnnncctt ttgnaaance cttttttnnnn aagnnccttn cncctttgcn aancgcttgg      60
gcaactcgca ntctctcnan acagcaaggn ctgtggcgaa tncggcacgn agccgccnnn      120
tctncanncn ntgtcagggn nnagnctgan gctancnnet ncnnantgcn nncnnngaen      180

```

```

cccanngac agcnncnng cangcacgct ncncaacngn acacaanctt taactaactg      240
cccnactncc aatgacgaaa acatntngga ntgactgccg aaantgcctt tcnngatnta      300
accactagac natccatctg tatcacnngg ttnagccatc tttacngatn taagntccac      360
tgaacggctg agaaacttgn anaacacant gnacncgnnn aagncctngaa cacaactggg      420
ccaaggaaaa ctaanagtgc natantgnaa cccanantgg catccacana aaggcncttt      480
aaacntgcan gctcatcgtc aaagaatnat ccanatncct ggacactggc nggacacnnn      540
catgtcnatc natgaacaac ctanaggcnt tgcctangaa ncgctgccta cactnnnnna      600
tgatangecg aacannaata tctantncn tcnnnctata nnnntcnaag nantaaagna      660
ccnnnttatn caagnnaann nannaancta gcacatgnnc tcanangaac ancaaattna      720
tacnnganaa tngtnccttn naaaacntcn ngggtanact tncncanntn nccanccct      780
aaaaantccc nnnnc

```

<210> 4949

<211> 784

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (784)

<223> n = A,T,C or G

<400> 4949

```

ttntttttt tggttaccct ttgtctctngg nctttttgca ggatccctcg attcgaattc      60
ggcacgagcc tccacgggtt atttcacaga tatggagagc tggaaagcagg gaggtaggtc      120
ctgagtgttg gaattgtaag ggatcagaag cagggatcag aagcagtggg gaagttcatc      180
caccataaaa cacacaggtg actttgcctt gaatctgcag gactgaagcc aactcttggg      240
cacagaccct tagtcccttc cttggccact ctaagtcaga tagtccagag ccaggccctt      300
tgggatgtga caccgagata aatcagagaa aagctgtgaa gcttggggaa cagagggact      360
tttggtgaag taggtggtct gcagtttcta tcttcttggg aaaagcaagc tggaaaagtg      420
aacagtgggt ggtaggccat agtgctccca gctgggtgac ataatgacca cacagcacag      480
tgatgttatt agcaactgtg tgggtggagta gttgtgggct ggacaaatca atcgtgtgga      540
aattgttagg agttttatta cattaaactt gttaacctaa aataccatca aaaaaaaaaa      600
ntnncnnnnn ncnccccc accnctnncna aaaaaanctt cganccctta aaaaacnnntn      660
gnngaggccn tattttacgtt anattccaga cnttgaatan ggatnccatt tgnattgaaa      720
ntttngggcc aaacccccaa ccttngaatt gccattngaa aaaaaaatgc cttttatatt      780
gnnt

```

<210> 4950

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (737)

<223> n = A,T,C or G

<400> 4950

```

gttctttttg aggateccct gattcgaatt cggcacgagg ttatatataa ttattctttg      60
ttttcttttt tcttttaata aagcctgcaa gttactaaat tgtagtttca taaattctgt      120
agtaaagtat catcttggca gtgtgccaaa ggtgaaaatg atgctttctc taacagagaa      180
attcttagtg actccagtcg tagaaaaacg tctttacaac ctgaataaga ttgaagaatt      240
gtgaacatac catggcctat tggatgaatc atttgccgta ggctaaatca gactgtaggg      300
tttgtgatgg atttatggag tatgtgggta tagaaatcat gaatctagca tttgttttca      360
gagattcaag catagtnta agggtagatc agaaatgaca aatgaattca aaacctagca      420

```

gggtgcattgt	aaatgtgtgc	ccagttatgt	tttgaaaatg	gcagttccctt	ggggtcatgt	480
ntctactggc	caaatttgca	atagtgttct	atngnatgta	atttctaaaa	tttattagga	540
ttatccncgt	tggccaagta	aactgtctgc	caatagaatt	ctgggaattg	tgagaaattg	600
tatcattgaa	gttcagntnn	gatgngtggc	ttaaaaaatt	tatcnnnggac	ccccanacan	660
ggaaacnana	antatttngn	tcttgcangg	ttcattgcca	cgggcannga	aggtatttcc	720
cagaaaaata	cctcnnn					737

<210> 4951
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

ttgnanccnt	ttgaaaccct	ttttanantt	ctancataca	agctacttgt	ncctttttgca	60
ggatcccatc	gattcgatt	cggcacgagg	gcnactntgn	agaattcgta	cngatganga	120
ctgcanaatg	aagacctact	ttcaacttnc	ttttgncccc	ctctagnaga	atcaaatnga	180
atcttttact	tacctctgtg	caaaaanaag	aaaaatgaaa	nangtncatn	tattcattct	240
gttncatat	agcaaaactg	aatgtcaaaa	gtncnttctg	tccacacaca	caaaatctgc	300
atgtattggt	tgggtggtcct	gtccctana	gatcaagctn	cacatcagtt	ttacnatata	360
aatacttgct	ctaccttaat	gatgaggact	ccttaaagnc	ncatttgcta	ntgatnaata	420
cactgctnng	gctggccagt	tttnnatgcn	tgcagcttga	cnantgagca	cactcaggcc	480
tttgtnttaa	aatgaaaaaa	tgaaaaaacn	aattcaaaac	ctattcaaat	ggnttctagn	540
caatttgttt	agtataaatt	gncatagctg	gtttgcttga	aaacaaacac	atttaaaaatn	600
ggtttacctc	aggatgacgt	gcagaaaaat	gggtgaagga	taaaccggtg	agacgtggnc	660
ccactggtag	gatggacctt	tgagcttctg	gtgctccgnc	catggngacn	atgacacacc	720
ctggnggcat	gccccgtgat	gtgngttaac	gntgtctgca	ttgtctaaan	tgaacangtg	780
ttagc						785

<210> 4952
 <211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

gggggggngn	ngcgngntn	gggggggggg	gttnttcnnn	nnnnntggng	acaccccttt	60
ttttnggggg	ganaaaaacc	cnnggngagg	ngcgngnggg	ggctngnggg	gannnctggn	120
nnngnggggg	ngggggggcn	ggnttgaggn	ngngngngng	cnegngngng	ggcgngngnc	180
gngngggng	ggnggggggt	nnnttttttt	tngggnneng	ngaggggggg	ancnaggcgg	240
nnnggggggg	ggggggggnt	ggngttgcnn	ggggnggagg	ggggngggag	gnngaagggg	300
aggnggcggg	gannggcggg	cagnggaggg	ggngcngggg	nggggtggcg	ggngngggcg	360
ggngngnggn	gcccgnnttn	ggngngcgcg	gcnctngggg	cgccggcggg	gangngcgcg	420
gncgtgngag	ggnagacggg	agncngggca	nngagctggn	gtcngngngcn	gggcggggcg	480
nagngagnag	gctcnatngg	ggggngggcg	ggngtgnggn	ggggncnncg	aggnggggga	540
nnaggcgtng	ggcnggntcg	nnngngcggg	ggcgancggg	gagnntgngg	ngggggccag	600
gngngggngg	ggggncgggn	ggggngnatc	gcnngcngnt	gacggngtgn	ncgggncggg	660
cngggcgcg	gngancngcg	gaggaacgnc	gcangggggg	cagtgggtngn	gngccgangt	720

cngtgtngng	cgagnggngn	gagagggagn	gnngntgggt	ggggncgagg	ggatggccga	780
ngtgcngng	gggggaggng	gnngngnngn	nngaggcggn	tngntggct	nngggggccc	840
aggngcnggc	nnngcngngn	agggngnnnn	gggnaggcgg	gcntgggntg	gccaganagn	900
gnnctggggg	ggntagagng	cggngnnngg	gnnnntgnng	agacgggcng	agcgggcggg	960
nggcgggcn	gngngngcgt	gnnagagcgn	gcggngcgn	gtgngncng	gcggngcngn	1020
gcagaggngg	gacacagcnn	cggagngngg	tgnatgnnga	gangagngng	nnnngtgggc	1080
nacggttagc	gggcnngcng	gagagngagg	tgncgntggg	ggagcnnctg	cgngctagag	1140
aggcngcggc	gnngngatag	gnngggngga	gcntgngnng	ganncggtac	tagggagcgc	1200
gagtggngng	nggtngacgn	gagggggngg	tgntnggaga	ngggngagac	cgngngcngn	1260
tgtagagagn	cagnggcgtg	ccngtggggc	anagggcgng	tgcnncngta	ganatggntg	1320
nngcncgtcg	gcnggcgagg	cnntaggnng	ngtgngngng	gangagcngg	tgtgggcngg	1380
cgcnngggg	ggcgngag	tgacgntnng	cgcatngnn	nggcncngn	ngcgngcga	1440
gangngangg	gngngcnnn	cgcnnggaga	nngnnaggna	cagggcgagg	gangcgangn	1500
gntgtgtggn	aggngcggnn	ggt				1523

<210> 4953

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (758)

<223> n = A,T,C or G

<400> 4953

gacttcnctt	tcaaanann	tnggaagctn	antnnccctaa	ananaaggctc	ntgggcgaga	60
gttctggatg	agacttggtg	tggtccattc	tgggacaaaa	ttctctctctc	ttctctctctg	120
cggaccctgt	aatctagaa	aataagttat	ttgcttctaa	aatacagtga	tgggacagac	180
atagataga	cattccatt	tcaaaagtga	gaaattgggc	caggtgcagt	ggctcacacc	240
tgtaacccca	gcacctgtaa	tcctagctcc	ccaggcggct	gaggcaggag	gattgcttga	300
gcctgggaga	tcaaggttgt	agtgaecat	gattgcgcca	cctttatttg	gaaactttta	360
ttccagttac	caataacaca	ttctcattt	ntccagaga	cctcaccaga	aacaccttta	420
atattcatat	ttctagcagc	cttctgttca	taacaatata	tgcatcctgt	taagatgata	480
ggagatttct	cttgacctc	tcctctttgn	gagcctgcan	gggacattcc	cttttaattgt	540
ccatatttct	accagcagtt	ctcttnaaag	caagtctaag	gtntttccta	acattacacc	600
tnaaaattct	tgcanntntt	nnccaagcac	agtgccttac	atctggtaat	tcctaacaact	660
ttganaagge	cnaacatgga	acaggaatgc	ttgagctcaa	ngagttcaag	accagcncgg	720
gcaanattat	ggaaccttnc	cttttcnaaa	aattncnt			758

<210> 4954

<211> 781

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (781)

<223> n = A,T,C or G

<400> 4954

tgagncnttn	nanccttttg	aaatttttan	acagctactt	gttctttttg	caggatccca	60
tcgattcgaa	ttcggcacga	ggttgctctt	ccatgcgttg	gtcagggggc	cctgaaaaca	120
ctggtaatat	taagagtctt	tctcagggtg	acttaattgt	ttcttaatga	acaatgtttc	180
cagctacaaa	ttctttcaat	aaattgtctt	cttttttgaa	aagtactctc	atagaagaaa	240
tttagcaatt	tctcgttgac	tgactcagtc	tatttttaagt	attcagaaaa	gattttgatc	300

```

cccattgagt taatgctctg ccttgaaaaat tatttttctg atccttggtta gtgataacat 360
tttttttcta ctgaagggtca gaggatanga aacaagtatt tctcttctgg tatacatgta 420
atgtattctg taaaaaagta ttcattattg caatttttagt taggcataat attgtgggtg 480
taatttttaa aacttagtgt tttgtctgat taaagcangc actgatcagg gtatctccta 540
agaggtaatt cacttcttat tcttttccaa taattattac attctaaatt ttcattctatg 600
agaaataaca aacaagaagg gaatagaatt aaattggggt ataactctaat cttcattgggt 660
taaattgggtt gccttctccc attgaagcca ttttttatag cctcanaaag aggaaataat 720
gccttcaccc attttctacc tgggtgacttg aaaaatggac cttttaagtt aggaagaagt 780
t

```

```

<210> 4955
<211> 939
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(939)
<223> n = A,T,C or G

```

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<400> 4955
gnnntttctaa tttcctaaat ggctgggcta cttgttcttt ttgcagggtat cccatcgatt 60
cgaattcggc acgagtgaag aggaaaaagt tcaaaaaata aattacattt tataaataag 120
gcaaggaact ggacattacc tcacatctgc aattccaacc ctctgggagg ccaatgcatg 180
tcattcttcc cnatanntnc nactcnagac acatgatgtg attcacagaa cnaganaang 240
nntccaccta ctgtcctgnt tnangnnggg atgctncata aagaggatna cnnttaancc 300
actaacagtt atgcctntna tcttgaatct gtctcacta gttttcgtnt ncctgggcnt 360
gttactttat gtttccctnc ntcannttac ctttaatatg anaatantna tnattntttt 420
accatgggtcc cttacttnan ngatantttt ntatntnnng catngnnata nnancntnnn 480
gtncctttcnn cantntaaat tcttaannnt nntctttatt cnntnttctt ntntnttttn 540
tnattnnnnn ntntntacnc ttannttccn cnacatcanc caatttttnt nntnnnttnt 600
tncannanaa ttnntntttt tnatanattt tntntactt ntgnnanatn gggntnatnt 660
tnctntnncn antggttnnn nnnntttttt ncncnmnnn naactntctt tnactnttcc 720
tnnnatnnnc nattnattan tctntnnctn ttnntatcna cncaattncn ntatnnntat 780
ctntatannt tnnnaatnnn tnanantacn tntannntnt tctntntntt tntanaatcc 840
nnaatntatc ttntntttnn nntctaaaaa agctnttncn ntttnnaatc nctntntntt 900
nnattntntt ttantctnta cnanactttt nttacttcc 939

```

```

<210> 4956
<211> 780
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 4956
ttganccctt atacagctnt tgatttgana cctttanaca gctacttggt ctttttgcag 60
gacccatcga ttcgaattcg gcacgaggga acatctttac caccaacgtt ttacctctgc 120
ttcaacaatt tggccttgtc aaagacacct gctcatatgt aaatgtggaa gatgtctcag 180
gagccatatc acatctgtcc cttggggaga tccagctat ggcacagccg tttgtatcct 240
cggaagaacg gaaggaacga tgggaacagg gccaggctga ttatatggga gcagattcct 300
ttgacaacat caagaggaaa cttgacactt acctccagta gaaacactgc atttttctgt 360
gaacacatcc acttcacaag ccttggtttct gatacttagt atctagagct ggggttgagaa 420

```

aagtctgtta	cagttgctag	agggttttcat	taaaacttat	cagatgagag	gcttttttag	480
gataagaggt	gagaactggg	caaaagttgt	gaagcagcaa	ttctgttata	tggaacagtgt	540
tctgcttttt	aatcctattt	agcttggttc	agaaattctc	acttttggtg	actgccaca	600
tacaaagtaa	gggaaactca	agatattaag	atggctgtat	cagttcttaa	aatctgcaga	660
gcctgggttc	aatcagttca	ctcccttcag	aagcagacat	ggcatctgtt	ccttgcttgc	720
ttgttggttg	tgccctttca	cgagacctga	attttagaat	tgcccagtgc	tgccagagtg	780

<210> 4957
 <211> 1210
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1210)
 <223> n = A,T,C or G

gtnnnaacng	ttaacnctc	tgtctttgag	gtccatcggt	cnatcggacn	agtatgnatg	60
catnctctcc	ctgtgcgatg	agnntgncan	gannnacagc	acatgggctn	taggaacttn	120
angtgennaa	nctnnengcn	tgnnnengca	cgncnacng	ctncttgccc	gcctaangtg	180
aatatcgtn	ncgacatgna	gtgcacang	agtganngag	ccccngent	gaatgtatnt	240
cgtentcaat	acnntntatc	gcnacatnc	cttnancntn	gctaccactt	cagcatgatc	300
ccactgctcg	aatttgccat	tongtaattc	cttaacnagg	ngcntgnaan	ngcggaaacn	360
ttngtccaag	tnganacccc	tagctcttta	naagcgnttn	tnmntgggga	aaantnccan	420
ncctnggnga	caagantngg	atttttaacc	caattggggg	aaacccgcct	tgggencact	480
ttgnggggtt	nnccccaaaa	ttttcccncc	cttggganta	aaaanncntn	ttttcaagg	540
gagcgggctt	tcancanatt	ncngttaaa	ggngntttct	gattcaaagn	ccntgncgg	600
tggaantcna	ngnggnanag	ngnaaaaaat	tcctntnggg	nactgcanaa	attnncnct	660
tcggattggg	ngnnntntnc	cannanggcc	cctgtntccc	atangggngn	aaaactccgg	720
gccanttttt	ttttaaanaa	aacctnggga	aantccntt	tnntaattaa	ncacctggg	780
gacgtccana	ttggggggng	acatttgenc	natggcntta	gcctatantt	cgtaccncng	840
aaaaatcggg	agantnccct	ttganaaaat	tnnccagaa	acntngccnc	anaacctttc	900
ggncnntgg	gtttggtcaa	ttgaaaatcc	aaaaattann	tgccccctgn	nagacngggn	960
ntcaaatagg	ccgcttnntg	gtacttcncc	tacaacaatc	ttngntagng	cattngcgct	1020
caatggnaan	ttcancctnc	cngngnacnt	ngggaanngg	attttaaacc	cggaaaaaant	1080
ttnaaccnna	acnactgggc	tcatnngcta	cttggnttcc	attaaaccgc	cnnttgatta	1140
ncgggnctta	ncagnacttt	gcacggcnat	gcantagtg	acccggnnng	gttncaannc	1200
ttcntntgcc						1210

<210> 4958
 <211> 837
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(837)
 <223> n = A,T,C or G

ttttttttac	ttaacatntn	ngcctactcg	gnnctttttg	cagggatecc	atcgcnttcc	60
gaanntcngn	gcgaggggtg	tggnctccaag	ttntncatga	ntagcaacna	ganggtgtng	120
anatnantgt	gtaaggctgn	gaattcttgc	tgngaggaatc	gnagaanacc	tgntgctgca	180
aaatentaca	tggtccacat	gganagggga	gnctaancgc	tattcanaac	anttcnnttt	240
tgtattttaat	taancnattg	cagctatctg	ggattttcgg	gncagaatat	taanttcctg	300

```

gntgattctn catattccaa tgnatnaaat ncanaaccat tgnngnetttta agatngtgto 360
aatnttcacc taacaactng tgcennaagc acctgcattg gtaatnatat ttctcttaaa 420
gggcaaatte tgncaantnc ctgntaactc aaaagtgcac tnttcnctt caaaaatggt 480
gntctcagtn atencacatn ctgcaganat ntatttata ctatacntat anctnnntga 540
aatacnntta ctacacnaaat ntatttctga tnaacattcc catgttaaata ctanagcccc 600
aaacctttct aaattntggc ccttnanncc nttaatattn taaaaaaatc taaaattctg 660
nnntttcaaa ttgtnctnt aagcttntt aanaaatntt cncnaccntt gcctttccaa 720
tacctnccc ctggnntaa cnaaattnct tttnaatanc cntcaccttc ananactgga 780
ttctctttca aattnnntct ngctcgaat cattantaac ttttgggnet ctctct 837

```

<210> 4959

<211> 1302

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1302)

<223> n = A,T,C or G

<400> 4959

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gncggcgcc agtgngtac ccanagcaga acgaccgta aaaccccttg ggaangnccg 60
ggacgggncn cnngngccgn nccncacncg cncncnnnac acccctttt nccccattt 120
tancaccann atngncnnan cangggggng nannacngng naaaaccng gngagnccc 180
ncccgnggg ganncanang ngcngnnaag naaccngng cncncaancan ccngngcgng 240
cccacanaca cnggccanaa gananacgca agcgnacgag gncgaagncg ggngnacagn 300
aanaaacnnn cngcacngcg naaaangccg cncaacanna gcnaagggng aacngacac 360
ngccngancn cncngcggn ncaengann nccgannanc gcacangagc gganaccacc 420
cagcnggcca naangcgga canacgncnc gggggnnnn anccngncc canangnnna 480
gacnnggna caccncca cccnangcc nagannncan aannccnagn naccnagac 540
annacnnnn ganncnnn cnanccgag nacannncng nanngnngac cnnnnctnn 600
nnngccnana nannccnnac anccccca nccnccgag ngaaacnncn naangaccan 660
cncaanacga cncncgaca nnacacnngn gcccancnaa nncaacacna agnnnaccan 720
acngcncnc gnaacnaacn ncaacgncgc ggagcccgaa ccaacgcacg acacgcgacg 780
accgancanc aagaangnga ccncacacgn agcgnccnnn cgcgcgnanc gccggacnca 840
nngacanncc gaanagannc gcggngangng cacgaancaa cggccannng nnganngagg 900
agcnacaacc ncnacggang cgangccgna nagangacgg accaagacnn gaanaccgnc 960
gagccnaac aaacggncga cggccgcgga ancnacnnc cncngnnggn canncnngac 1020
ccngananca cacancgnc accacangnn ngnggaacac gacaangcca cgnacanaac 1080
gacgaagcan gaacanagnn gncgcaang nnancnagnn nggaanacac acncgaaccg 1140
aacacanacg aagnaanaac aagagcanna gnagaagcnn acacagacac naaacngnaa 1200
ccggcccnna gnancncanc gncnngcan canggcacaa naannccgan ncccacgcca 1260
aaacngcnac agnncgcaac gnangncncn acgccaacg cc 1302

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<210> 4960

<211> 769

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (769)

<223> n = A,T,C or G

<400> 4960

```

aanaacgtaa ttnaacgta gcgctctngn ngatccngna gntctntct tcttccaatg 60

```

```

ccngaananc tgcnnctggna tgnngctaca tgnatctagg tgttgangct ttacnecgna      120
gttgncngat gacgcntggc anangnccag gntntnnnta natccnaaca ncatantgag      180
gnatnggatg cctacnngca gagnccgacag aactcacgct ntaaaannag gcgccacaca      240
cgggacgant acgtanagaaa naatncnntg tnggtgtntt tcctactcnc ttactcacag      300
cncatcagaa ggaagnngac nacnagctng aagcnggctt nataccnnat atcgncnget      360
acancctgng ncaccactgc catngcgatg cttnactnca nctaattnta ccatnnanga      420
tgntcatgn acctgnncta gcnccggcan nctnttgng gcccctatnn tagagaacgg      480
cttnnctcca cactgtaatg gtagngattg tggatnttcc tctatcatgg aaggganttg      540
aaacngntnc nctggagggg nnggntgtng actgcacttg nagcattcgn attcatgntg      600
anctcggaga ttactctgg ngttccatca actntgantn caaacangat gatcnnngat      660
taggncgntt tccaatgttt gngccaaatt tgttaanann aacnacngga ttncaantta      720
anttggnnaa nccntnttaa ccnttcgggc tentgctcct nncntngcc      769

```

<210> 4961

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4961

```

tnccttnttt actttcgctc ccgttctttt tgcngatccc ncgattcgaa ttcggcacga      60
gagaggggtgg ggtctggcca cataggtacc tctgtggctc tggctctgggg ttagacactg      120
ttagggacta gcatttattg gacttgtaaa gacagcacct cagaattagt aactacttgc      180
attttagggg ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcactttttc      240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc      300
atgaatactt aagaaagggg aagtaggaac agggagcaga gcaaagcata acttgctgtg      360
ttccagggat taaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca      420
ngaacttttt tgtaaatgaa aaagttcaca attttggnaa aaacagtgtc agatgtgtta      480
tggaatttgt tatcacanaa ttcttcncc tgaacttca agttntatna agacaaccaa      540
ntatatttgc ctgngaaat tcttaaattt cttgncctt atngggaaaag gtnaacccaa      600
nacnntcang naancccat cccntttttt tggcctttgg aaacttgncn acccggttng      660
gncanccccc aatttttctt aaaaatttaa tggtaaaacc ttttnanacc cantatcant      720
nnnnnccatt ancnaccccn ctncatntac cccngcccn tctncttnaa tanaaacttc      780
tcngntgccc ctttttnnaa anaantcttt tannnnccga ccccntctt tttcccgnt      840
nnatattncc ncatcccttt tgnanttcac ntactccntt

```

<210> 4962

<211> 880

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(880)

<223> n = A,T,C or G

<400> 4962

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tnccttnttt actttcgctc ccgttctttt tgcngatccc ncgattcgaa ttcggcacga      60
gagaggggtgg ggtctggcca cataggtacc tctgtggctc tggctctgggg ttagacactg      120
ttagggacta gcatttattg gacttgtaaa gacagcacct cagaattagt aactacttgc      180
attttagggg ctgttttatg aagccaacaa gtgaatgtaa aataggctct gcactttttc      240
tgagagccct gtcactgggc agtgagcatt tccaaaattg cagctctgtc agaatgaacc      300

```

```

atgaatactt aagaaaggga aagtaggaac agggagcaga gcaaagcata acttgctgtg 360
ttccagggat ttaaaaaataa attactgtca agagcaatat aagggtcatg ggtttgatca 420
ngaacttttt tgtaaatgaa aaagttcaca attttggnaa aaacagtgtc agatgtgtta 480
tggaaattgt tatcacanaa ttcttcncc tgaaacttca agtntatna agacaaccaa 540
ntatatattgc ctgnngaaat tcttaaattt cttgnnccct atngggaaaag gtnaacccaa 600
naenntcang naancccatc cccntttttt tggcnttttg aaacttgncn acccggttng 660
gncanccccc aatttttctt aaaaatttaa tggtaaaaacc ttttnanacc cantatcant 720
nnnnnccatt ancnaccccn ctncatntac cccngcccn tctncttnaa tanaaacttc 780
tcngntgccc ctttttnnaa anaantcttt tannnncgaa ccccntctt tttccgcnt 840
nnatattncc ncateccctt tgnanttcac ntactccnnt 880

```

<210> 4963

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4963

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tctttttttg gaaccnttn tngctctttt tgcggaacca tcgattcgct ctggagtagc 60
tgggattaca ggcattgcacc accatgcctg gctaattttg tatttctagt agagacaggg 120
tttcgccatg ttggccaggc tgggtctcaa ctcttgacct caggtgatcc acccacctca 180
gcttcccaaa gtgttgggat tataggcgcg agccaccatg gctcagcctc atgttcgttt 240
ttaaaactta ggatggtggc tcttttacat tgattggtag gaactcttca tattacgagg 300
cagtttagcta gttgtctgtg aaataaaaata ctaatgattg aactttctag gaagtaccta 360
ttctgctaag agtgtaaata tacacttatc cagggtcaga aatactcaag tttaccact 420
taaaagatct agaaaatata tgaacttggg cttacttgcc agttaaaatt gnttatctca 480
gaattgtacc atcaccttaa ttaaagtaga tatgctagga ttatcctgat aactaattaa 540
catagccttt ccccttagt gttcttcacc tgaatgtagt anttgnactc ttcaagtcta 600
gcanaggcca ataaaaagtt cagagttnca naaacatcaa anccntntcn ancnennnna 660
tannnnctc actcacatcn ncnatcccc acntacaaac ncacnnnnnc nccccntnn 720
ctnccccntt acnnctacct cncnttccn tennaantcc ctcncacgc nenncnnt 778

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<210> 4964

<211> 778

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (778)

<223> n = A,T,C or G

<400> 4964

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tctttttttg gaaccnttn tngctctttt tgcggaacca tcgattcgct ctggagtagc 60
tgggattaca ggcattgcacc accatgcctg gctaattttg tatttctagt agagacaggg 120
tttcgccatg ttggccaggc tgggtctcaa ctcttgacct caggtgatcc acccacctca 180
gcttcccaaa gtgttgggat tataggcgcg agccaccatg gctcagcctc atgttcgttt 240
ttaaaactta ggatggtggc tcttttacat tgattggtag gaactcttca tattacgagg 300
cagtttagcta gttgtctgtg aaataaaaata ctaatgattg aactttctag gaagtaccta 360
ttctgctaag agtgtaaata tacacttatc cagggtcaga aatactcaag tttaccact 420
taaaagatct agaaaatata tgaacttggg cttacttgcc agttaaaatt gnttatctca 480
gaattgtacc atcaccttaa ttaaagtaga tatgctagga ttatcctgat aactaattaa 540

```

catagccttt	cccccttagt	gttcttcacc	tgaatgtagt	anttgnactc	ttcaagtcta	600
gcanaggcca	ataaaaagtt	cagagttnc	naaacatcaa	ancctnntcn	ancncnnna	660
tannnncttc	actcacatcn	ncncatcccc	acntacaaac	ncacnnnnnc	nncccnntnn	720
ctnccccntt	acnnctacct	cncctntccn	tennaantec	ctccncacgc	ncnnncntt	778

<210> 4965
 <211> 827
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(827)
 <223> n = A,T,C or G

<400> 4965	
ttagntnaac	60
cttttgaac	
ccctttgaan	
tntttaaacc	
ctttcnaccg	
ctacttgntc	60
ttgategnag	120
nnncctcaa	
ttccgccttt	
gttccctctt	
tccatgccgt	
ttnttcengg	120
ggcccnggan	180
aacactggtn	
atattaacag	
tctttctnag	
ggtaacttaa	
tgttttctta	180
atgaacanat	240
gttccagcta	
ccaaattctt	
atcaanaaat	
cggcttccct	
tntgaaaagt	240
actctcatag	300
aagaaattta	
gcaattttct	
gtgactgact	
caanctatct	
taagtatnca	300
naaaagattt	360
tgatcccat	
tgagttaatg	
ctctgccttg	
aaaattantt	
ttctgaccc	360
tgntagtgat	420
aacatttttt	
ttctactgaa	
ggtcagagga	
tnggaaacaa	
gtattccctt	420
nctgggtatac	480
atgtaatgta	
ttctgtaaaa	
aagtattcat	
atnggcaatt	
ttagttangc	480
ataatattgt	540
ggttgttaatt	
tttnaaactt	
tagtggtttt	
gncctgatta	
aagccancgc	540
ttgatcaggg	600
tatctcctaa	
agaggggnat	
tccaccttnn	
tattcctttc	
caatgaatta	600
tnacattcta	660
aatttttcac	
tntggagaaa	
nnnacaacca	
agnangggga	
atnggaatta	660
aaattggggg	720
tataaatcna	
nnctccatt	
gnntnaaatt	
ggntgccctt	
cncaccantt	720
gaagcccat	780
tttttatagc	
ctcagaaagg	
agggaaataa	
atgccnccca	
cctttttntt	780
cctggtagac	827
ttngaaaaat	
tnacnnttta	
agttangaac	
aaagtct	

<210> 4966
 <211> 785
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 4966	
tttgaaccct	60
ttnacnctt	
ttgattttta	
ancctttnc	
cngcncnngn	
gcngganenn	60
ccccnnga	120
tcggcacgag	
gggtgtgcgg	
tgtaatttta	
gctattcggg	
aggctgaggc	120
aggagaatca	180
cttgaaccca	
ggagacgaac	
gttgacgtga	
cccagatcg	
taccactgca	180
ctccatcctg	240
agtgcacag	
cgaaactcca	
tcttggggga	
ggaaaaaaa	
gaaagtaata	240
gggangnaaa	300
tcagaanttg	
tgtgggantc	
cccctatntc	
tggctcttgn	
tannatactn	300
nacctgtcag	360
genatnctga	
gagcgaangc	
tnctgcntag	
ggctagtctt	
cattcagant	360
ggtttttgat	420
aggcatgaac	
tagtctaact	
caaagcatac	
ttctgtgtaa	
gctagcatag	420
ctcctntact	480
tggttcata	
ncnttgga	
ttaatcgaga	
aaagtgaaaa	
aggaggggtt	480
ggncctgcct	540
tgaatagcat	
ttgattntta	
atcctacatt	
ntatcagagc	
cccagccttt	540
naaatgttta	600
atagccntat	
gtgctgtttt	
gccacgctta	
cnaagttngt	
acttctgtga	600
atgaaaaagt	660
gtgactggac	
tnacataaac	
tggnattgac	
tnncagtcac	
cagntatatt	660
ccatnttcaa	720
ggnaaaaccc	
aangactggg	
ttntcctctn	
ttttcttttg	
aanatganng	720
cnnctaaaaa	780
tcaantaatt	
ggggctgggg	
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caccttggtga	
aantcttatg	780
ctttt	

<210> 4967
 <211> 975
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(975)
 <223> n = A,T,C or G

<400> 4967

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anatntnnac	tnnaaanaat	tnctaatagat	taangggggg	tctaatagctt	ggaaactccc	120
ncgantaana	ggttngtcgg	engetctggc	tgcccgcgcg	ttnagcagca	tggncctcnc	180
aggggcacag	tanngecgct	cccganttac	cggagcgnaa	ctgccaggta	ccgcnaagtc	240
nnctctggna	tcagcgctac	caaggcgag	ncgantctgc	caagctacct	tagganccggg	300
gactnatcct	acttccgtgc	cctactagag	cggagntnc	ngnccgagga	ccgnatcctt	360
gtncatangnt	gcnngaacan	ngcncgtgatc	tactaatctg	ttccntanga	cgctnccnta	420
atgnnaccag	tgcnagctac	tcactnatac	nnngnagctt	gatangcnng	ctnacnatgc	480
ccatgtgccc	nnatectcnc	tnngaaaaacn	ngaagtgtgc	gcgaangctg	ngacntttcn	540
ccaaagcttt	gtttttgaan	tnngttnttc	gaaaaaanng	ncncnacttg	ggaaatcccc	600
tnaattnnga	tggggggaaa	ctaaagnttc	cccttggnaa	ccccatnta	nccctttnta	660
aaaagggtat	ttaaacccaa	ctttgggggc	aacccccaaa	ntnttttgta	aacntntaat	720
nttcggaagc	ccctgggaan	nantttgngn	aancctntag	nnaaggggcc	cnggnanttc	780
ttnttcnttn	naacangan	nttttttann	gccnngaccn	ncctcgannn	ttttaaaggg	840
gcccnaaan	ccnttnttgg	ccnnaaaacc	cttttagngg	ttnaggancc	ttgaggaatg	900
ccccctttt	ggnaatgngg	atttccactt	ncnratngnt	aaccnana	naaaanggng	960
gaaaagctaa	aancc					975

<210> 4968
 <211> 1150
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1150)
 <223> n = A,T,C or G

<400> 4968

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tnngctatna	accctngcc	ggctgnggct	ccccantgtn	gtnantctgn	natgtgctat	180
acccaaccta	gagcangggc	gccatgcctg	gctaantann	ngtnattact	ttntcanca	240
gatggggctt	tcactntgnt	gnccangctt	ngtctagaa	ctcctgggct	ncaanttgat	300
actcctgcct	gagcctccca	aagtgcntgg	gattatagac	atgagcaa	tgtacttggg	360
ctcaaatttc	ttgnttnaaa	ttgggctttt	ttgtcagaag	naatgngcnc	ncctttgaat	420
tatnatnttg	atcttgttct	cattgtatta	cttngnacc	ctattcnac	natangannt	480
tctatnttta	ttcaatgaaa	gcngccctgg	ggaatttatt	tgnaacctng	tanccacntn	540
cngnggcctn	tgnggnnttc	taaatatcnn	tngtccgctc	tacntnnaat	ntcggggggc	600
nccttatact	cnggtncacn	nnatngnaaa	aatnggttgt	cctntaactt	tcttnncaaa	660
atntgcggca	gatntntntt	gnggnntant	ttnnanagcn	ctnttngtna	ntntnctttt	720
tggngncaan	tttatncaact	ntngnaaana	ccccctcctt	atcnntataa	ccaatttcgg	780
naanatnngt	canatatntt	acattatcct	ctaattnttn	ccccaatang	ntnanttact	840
ctncaaatnn	nnctantatt	cgngnntcta	tncnanaatt	ntctananan	ttctntncca	900
ntttctgnga	ntntttctgn	aannnttcac	ncgtgcggan	tannctatgn	ggacntaaat	960

ntttntance	cccggnntt	nttncntaaa	aaangataa	gnctttttcc	acanactcca	1020
acaaantcct	ngtggannac	ttaaantnnn	tcateccct	cnggnaacat	gtctnctntc	1080
ttnanagtac	ncatnttga	tcatntana	aaggnaaatn	ntgatnnggn	gctctntcta	1140
cttatcance						1150

<210> 4969
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 4969	
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angntntct	gactnttnnn
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cntactnntc	nncaacntgg
atgatggcct	nactcttacn
gntatncnan	ncanagtntc
aacntccttg	aataatgtaa
aggcttcatt	caaggttggn
gtatttanga	tagtggccaa
gagtgaaaat	gactaaaaac
tggccagtat	aataggggga
tgatcaattc	canccaaaag
aatgtttacc	agnggncaat
	tttgttggcc
	ccatggtggg
	gaatccaang
	gc
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	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	720
	772

<210> 4970
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (710)
 <223> n = A,T,C or G

<400> 4970	
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gtggctggat	aaaaggatgt
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agtttgggaa	cctatagttt
ctgttatatt	ctaagcagta
aagctgcgag	atttcagagt
taagggccat	ctaataagct
ctgagattaa	cagagctgga
ttgtttgttt	tggggaacag
ttcaaaacat	tctagtaggc
atatttttga	gttccctactg
atcatggtct	taggaaggta
	gctgtagaac
	ccaaaatata
	aattcctaan
	60
	120
	180
	240
	300
	360
	420
	480
	540
	600
	660
	710

<210> 4971
 <211> 710

<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 4971

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gtggctggat	aaaaggatgt	gtgggaaaga	actgagttga	aattaggagt	tagaatttta	120
ttcttttgga	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatttt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	atcttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4972
<211> 710
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(710)
<223> n = A,T,C or G

<400> 4972

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ttcttttgga	ctaaggaatc	attgaagatt	ttaaaattag	ggctgacata	atcagatttg	180
agtttgggaa	cctatagttt	gggactggag	gaagacaggt	gccagacacc	agttaaaaag	240
ctgttatttt	ctaagcagta	gacaaagggt	tacactgaca	atagctgtgg	agatagagaa	300
aagctgcgag	atttcagagt	tttccaagggt	gtaaacaact	aaattttgtg	atcaaaatga	360
taagggccat	ctaataagct	ggggaatgtg	ggatctgtct	tggttgagtt	ggtggattaa	420
ctgagattaa	cagagctgga	ggaaatgtaa	aaagaaaggc	aggattgttc	atcttgtctt	480
ttgtttgttt	tggggaacag	ggtcaaaatt	ttcattctgc	ataaggtagg	tttagtcttt	540
ttcaaaacat	tctagtaggc	aagtctgtag	ctgaatcttg	gaagaaaggc	aaccatagta	600
atatttttga	gttctactg	tttatttttt	caataaaaac	tcaggttctc	aggtttagcag	660
atcatggtct	taggaaggta	gctgtagaac	ccaaaatata	aattcctaan		710

<210> 4973
<211> 755
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(755)
<223> n = A,T,C or G

<400> 4973

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gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gnctggctg	anntgntgga	420
ttaaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnttttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangetngc	ttgtcncaac	ccaaaactct	720
cacattneet	taaacntttt	nccccatttg	gggcn			755

<210> 4974

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4974

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tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300
agaaaagctg	cnagatttca	gagttttcca	angtgtaaac	aactaaattt	tgtgatccaa	360
atgataaggg	ccatctaata	ngctggggaa	tgtgggatct	gnctggctg	anntgntgga	420
ttaaactgaga	ttaacanagc	tggangaaat	gtaaaaagaa	aggcacgatt	gntcatttng	480
tcttttgttt	gttctgngga	accagggctn	aaatttccat	tctgcatnan	gtncgntnag	540
tcnttttcaa	aacattctta	cttangcaag	tcctgtcnct	gaatcttnga	aagaaaggca	600
ccntnnctaa	tatttttgag	ttccctactg	nttaatcttc	cccaattaaa	acctcacgtt	660
ctcnaggttn	cccacaacat	ggcccttacg	gaangetngc	ttgtcncaac	ccaaaactct	720
cacattneet	taaacntttt	nccccatttg	gggcn			755

<210> 4975

<211> 755

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (755)

<223> n = A,T,C or G

<400> 4975

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gagagtggct	ggataaaaagg	atgtgtggga	aagaactgag	ttgaaattag	gagttagaat	120
tttattcttt	ggtactaagg	aatcattgaa	gattttaaaa	ttagggctga	cataatcaga	180
tttgagtttg	ggaacctata	gtttgggact	ggaggaagac	aggtgccaga	caccagttaa	240
aaagctgtta	ttttctaagc	agtagacaaa	ggtttacact	gacaatagct	gtggagatag	300

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agaaaagctg cnagatttca gagtttttcca angtgtaaac aactaaattt tgtgatccaa 360
atgataaggg ccattctaata ngctggggaa tgtgggatct gnentggctg anntgntgga 420
ttaactgaga ttaacanagc tggangaaat gtaaaaagaa aggcacgatt gntcatttng 480
tcttttgttt gttctgnnga accagggtcn aaatttccat tctgcatnan gtncgntnag 540
tcnttttcaa aacatttctta cttangcaag tctgtcnct gaattcttnga aagaaaggca 600
cctnnctaa tatttttgag ttcctactg nttaattctt cccaattaaa acctcacgtt 660
ctcnagggtt cccacaacat ggcccttacg gaangctngc ttgtcncaac ccaaaactct 720
cacattncct taaacntttt nccccattg gggen 755

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<210> 4976

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4976

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gttttgattg gtcagattct tttttacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa gggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgtaacggt cacngagctg 240
ctggacgtct ccattggagc gggctgtttc ctggctggag cgctcgtctc ctctcagggc 300
cccggtggtc ccgaggagat cgccacctcc atcgaaccca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggtcc tgtctctcat tctgccgagg 420
agcagcngt acatnaagtg gatcgtctct gcngggcttg cccaggtcan cgagttttcc 480
tttgctctgn ggagcnggc gcgaagagcn ggctcatcc tctcnggagg tgtacctnc 540
nttatacttg antgtgacca cgctnancct ctgctcgcc ccngtgctgt nnaaaagctn 600
cnaatccga agtgtgtgcc cngaccgaa gaancngtc canctttga tggcttcnna 660
gatgattgga cccntggaaa ngggaacctc ttcnngnga actnaancgc nttaaaatng 720
ccananaanc ngctnccctt ctcgnaacc nncncccn n 761

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<210> 4977

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 4977

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gttttgattg gtcagattct tttttacta gcggcggttt ttcttttatg tcttggtata 120
aagaagtatc tcattggacc ctattatcgg aagctgcaca tggaaagcaa gggaacaaa 180
gaaatcctga tcttggaat atctgccttt atcttcttaa tgtaacggt cacngagctg 240
ctggacgtct ccattggagc gggctgtttc ctggctggag cgctcgtctc ctctcagggc 300
cccggtggtc ccgaggagat cgccacctcc atcgaaccca tccgcgactt cctggccatc 360
gttttcttcg cctccatagt ttctctggcg gcgctggtcc tgtctctcat tctgccgagg 420
agcagcngt acatnaagtg gatcgtctct gcngggcttg cccaggtcan cgagttttcc 480
tttgctctgn ggagcnggc gcgaagagcn ggctcatcc tctcnggagg tgtacctnc 540
nttatacttg antgtgacca cgctnancct ctgctcgcc ccngtgctgt nnaaaagctn 600
cnaatccga agtgtgtgcc cngaccgaa gaancngtc canctttga tggcttcnna 660

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gatgattgga cccttgga aa ngggaacctc ttcnngngga actnaancgc nttaaaatng 720
ccananaanc ngctnccttt ctcggnaacc nncnccccnc n 761

<210> 4978
<211> 761
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(761)
<223> n = A,T,C or G

<400> 4978
c n t t t c t t t t t t n n a a c c n t t t g c c t a c t c g c t c n t t t t t g c a g g n t c c c a t c g a t t c g c t g 60
g t t t t g a t t g g t c a g a t t c t t t t t c a c t a g c g g c g g t t t t c t t t t t a t g t c t t g t t a t a 120
a a g a a g t a t c t c a t t g g a c c c t a t t a t c g g a a g c t g c a c a t g g a a a g c a a g g g a a c a a a 180
g a a a t c c t g a t c t t g g g a a t a t c t g c c t t t a t c t t c t t a a t g t t a a c g g t c a c n g a g c t g 240
c t g g a c g t c c c a t g g a g c t g g g c t g t t t c c t g g c t g g a g c g c t c g t c t c t c a g g g c 300
c c c g t g g t c a c c g a g g a g a t c g c c a c c t c c a t c g a a c c c a t c c g c g a c t t c c t g g c c a t c 360
g t t t t c t t c g c c t c c a t a g t t t c t c t g g c g g c g c g t g g t c c t g t c t c a t t c t g c c g a g g 420
a g c a g c n g t a c a t n a a g t g g a t c g t c t c t g c n g g g c t t g c c c a g g t c a n c g a g t t t t c c 480
t t t g t c c t g n g g a g c n g g c g c a a g a g e n g g c n t c a t c c t c t c n g g a g g t g t a c c c t n c 540
n t t a t a c t t g a n t g t g a c c a c g c t n a n c c t c t t g c t c g c c c n g t g c t g t n n a a a a g c t n 600
c n a a t c c c g a a g t g t g t g c c c n g a c c c g a a g a n c c n g t c c a n c c t t t g a t g g c t t c n n a 660
g a t g a t t g g a c c c t g g a a a n g g g a a c c t c t t c n n g n g a a c t n a a n c g c n t t a a a a t n g 720
c c a n a n a a n c n g c t n c c t t t c t c g g n a a c c n n c n c c c c n c n 761

<210> 4979
<211> 850
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(850)
<223> n = A,T,C or G

<400> 4979
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c t g g t t t t g a t t g g t c a g a t t c t t t t t t t t c a c t a g c g g c g g t t t t t t c t t t t a t g t c t t g t t 120
a t a a a g a a g t a t c t c a t t g g a c c c t a t t a t c g g a a g c t g c a c a t g g a a a g c a a g g g g a a c 180
a a a g a a a t c c t g a t c t t g g g a a t a t c t g c c t t t a t c t t c t t a a t g t t a a c g g t c a c g g a g 240
c t g c t g g a c g t c t c c a t g g a g c t g g g c t g t t c c t g g c t g g a g c g c t c g t c t c c t c t c a g 300
g g c c c c g t g g t c a c c g a g g a g a t c g c c a c c t c c a t c g a a c c a t c c g c g a c t t c c t g g c c 360
a t c g t t t t t c t t c g c c t c c a t a g t t t t c t c c t g g c g g c g c t g t c c t g t c t c t c a t t c t g c c 420
g a g g a g c a g c a g t a c a t c a a g n g g a t c g t c t c t g c c g g g g c t t g c c c a g g t c a g c a g t 480
n t t n c c t t t g c c c t g g g g a g c c c g g g c g c c a a n t a g c g g g c g t c a t c t c t c n g g a a g g t g 540
t a c c c t c c n t a t a c c t g a g n n g t g a c c c n c g c c t n a a g c c c t t c t t g c c t c g c c c c c c g 600
t n c c t t t c g n a a n a n n c t t n n c n a t c c n c a a g g g t t g t n n t t g c c c c c a a n a a c c c c g 660
g n a n c a n a a n c c g g g t n c c c a a n c c c n t t c t t n a a n n g g c c t t c g g g c n a n a t t c n a a n 720
t g g g g c c c c c c t c n g n n a a a n g g g n n a a a n n c c t t c t t n t n n g g n g g a a a t a t t g a a a c c 780
n c c t t n a a a a n a t g g g n c c c n n c n a c c t c g t c c c t t t t t n t g g g g g c a a a a c c t n n n g c 840
c a c c c n t n c g 850

<210> 4980

<211> 1523
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1523)
 <223> n = A,T,C or G

<400> 4980

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gggggggngn ngcgngngtn gggggggggg gtttttcnnn nnnnttgng acaccccttt      60
ttttnggggg ganaaaaacc cnnngngagg ngcgngnggg ggctngnggg gannnctggg      120
nngngngggg nggggggggcn ggnntggagn ngngngngng cncgngngng ggcgngngnc      180
gngnggggng gggnggggggt nntttttttt tngggnnncg ngaggggggg ancnaaggcg      240
nngggggggg ggggggggnt gnggttgcn gggngggagg gggnggggag gnnngaagggg      300
aggnggcggg gannggcggg cagnngagg gggncgnggg ngggtggcg gngngngggc      360
ggngngngng gccgnnttnn gggnggcgg gcgctnggg cgccggcggg gangngcgcg      420
gncgtgngag ggnagacggg agncngggca nngagctgnn gtcngngngcn gggcgggggc      480
nagngagnag gctcnatngg gggngggcgg gnggtgnggn ggggncnncg agngggggga      540
nnaggcgtn ggcnggntcg nngnggcgg ggcgancgg gagnntgng ngggggccag      600
gngngggngg gggngcggn gggngnadc gcnnngcgn gacggngtn ncgngnccg      660
cngggcgcg cngancnng gaggaacgnc gcangggggn cagtggtn gngccgagt      720
cngtgtngng cgagngngn gagagggagn gnnngtgggt gggngcgagg ggatggcga      780
gngtcngng gggggaggng gngngngngn nngagggcg tngntggct nngggggccc      840
aggngcnggc nngcgngng agggngnnn gggngggcg gcntgggnt gccaganagn      900
gnnctggggg gntagagng cggngnggg gnnntgng agacgggcn agcggggcg      960
nggcggcgng gngngngcgt gnnagagcg gcggngcgn gtgngnccg gcgngcnngn      1020
gcagagngg gacacagcn cggagngng tgnatgnga gangagngn nnnngtggcg      1080
nacggttagc gggcngcng gagagngagg tngcngtgg ggagcnntcg cngcctagag      1140
aggcngcggc gnnngatag gnggggnga gcntgngng ganncgatc tagggagcg      1200
gagtggngg nggtngacng gaggggngg tngtnggaga gngggngagc cngngcngn      1260
tgtagagagn cagngcggtg ccngtgggc anagggcng tgcnnngta ganatggntg      1320
nngccttgcg gcngcgagg cngtagngng ngtnngngg gangagcng tgtgggcn      1380
cgcnngggg ggcggcngag tgacgntng cgcgatngn ngccnccg ngcgngcgca      1440
gangngang gngngcnng cgcngggaga nngnnaggna caggcgagg gangcgang      1500
gntgtgtgnn agngcggn ggt

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<210> 4981
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 4981

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ttttctcnn tgnaaacctt tttctaaagn cctttttgca ggatcccatc gattcgggag      60
aactgctcac tctttttccc tccccataca aactcaaagt cctttgggcc ccaattcaga      120
gttatgtttt ttttggcaca tactagaaag gcagtgcctc agcccttccc tgaatccatg      180
gaggtgttct gtttggggct ttttagactg ctgctgctca gctgggtgct tgaactgaca      240
gtaggccagc ctgttctctg ccattcccta gtcacccctg gcctcaccac agcttgctta      300
gagcaagcct tttctcagac cttaggcaca gcctctcctc tttacctgat caatgttaaa      360
tgtaagcacc cctgatccca ggacataagg aaagatgccc aattgtactt ttgttctata      420
gcctgtgaaa tggctagtta atcatttttc cacaaagaat taggtgttaa gagttttcct      480

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tcaggcttta	cttaggagaa	tggactaagc	tgaagggtgta	cttcaccagc	aagagtcaac	540
tctagaattc	aggatgttcc	ttctattggn	ttcttagcca	tctgtcagga	aatgtaaact	600
ttgggtttat	tttttggctt	atnccaaagg	ggtaaancn	gaanatagaa	aatggataat	660
tttctnattn	aatagcngaa	ncctttttca	atctccaaat	atataanggn	gccnctctn	720
ttnaaaagct	ctaagcctaa	agtcaagagc	taggant			757

<210> 4982

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 4982

gaggnnnttga	agccttttta	tagatacagg	ctacttggtc	tttttgcagg	atcccatcga	60
ttcgctctcc	cggtcttaga	aggcccggt	actgacgcgc	agtgccagac	cttaccctc	120
acggncccta	agtctcggtc	gccctcgct	cgcagcctgc	caccgcgct	cagctgcccg	180
cctcctcagc	cagccatgct	ggagcatctg	agctcgctgc	ccacgcagat	ggattacaag	240
ggccagaagc	tagctgaaca	gatgtttcan	ggaattattc	tttttctgc	aatagttgga	300
tttatctacg	ggtacgtggc	tgaacagttc	gggtggactg	tctatatagt	tatggccgga	360
tttgcttttt	catgtttgct	gacacttct	ccatggccca	tctatcgccg	gcacctctc	420
aagtggttac	ctgttcaaga	atcaaagcac	anacnacaag	aaaccanggg	aaagaaaaat	480
taagaggcat	gctaaaaata	attgaggttt	tcatgattca	gcacctgctt	ttgnttctgt	540
gagatgagct	aaatttgctt	tcatacccca	gataagagct	taaaaccac	ctaattgctct	600
tatggcacaa	ctgggggtata	gaatttaagt	tctctttata	cttcaattct	agcccaantt	660
gggttttgat	taatataagt	ngtttaaacc	ttntcttnat	aacttgctct	gaaatgggga	720
acaaaant						728

<210> 4983

<211> 747

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(747)

<223> n = A,T,C or G

<400> 4983

ggnnnnnnnn	acgctatgct	ggctcttggt	ctttttgcag	gatccctcga	ttcgaattcg	60
gcacgagcta	ggatgacatc	tgggtgattg	actgtggcca	gtcttaaagc	tagtttttgc	120
tatgtggaac	atgctgctct	aattcagatt	taaagagttt	cttctgttta	attcgaagct	180
cactgtgcct	cttgtttccg	agggagaag	gactgattaa	gtcatctaaa	tggatgcaat	240
actgaattac	aggtcagaag	atactgaaga	ttactacaca	ttactgggat	gtgatgaact	300
atcttcgggt	gaacaaatcc	tggcagaatt	taaagtcaga	gctctggaat	gtcaccacga	360
caagcatcct	gaaaacccca	aagctgtgga	gacttttcag	aaactgcaga	aggcaaagga	420
gattctgacc	aatgaagaga	gtcgagcccg	ctatgaccac	tggcgaagga	gccagatgtc	480
gatgccattc	cagcagtggg	aagctttgaa	tgactcagtg	aagacggtgg	gtttctcgct	540
gggtgcgacg	tgaatttggt	aagctcanga	tgcccatgga	ttagactcat	gtagtagctt	600
aaagagtcac	taggcgatag	ganggagaaa	ccaagaagtt	agcagaatct	ggatataatt	660
cantgtccgt	aaatcccatg	aagagaagct	catcagaatt	aaggcaatgg	aatttgtgcc	720
caaaaaaaaa	aaaaaaaaaa	actcggn				747

<210> 4984
 <211> 1195
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1195)
 <223> n = A,T,C or G

<400> 4984

gggnnnnnnn	nnnnannann	nannnnngnn	ngnnnnannnn	nnnnncnnnn	anannancnn	60
nncnannnnna	ggngaggag	nangannnnnn	ancnnttttna	ncceccnttt	ttnnctaaaa	120
aaagnaccct	tggggttaaa	ancnccccnt	tgnnccccnn	aacacgagaa	aaaagggggg	180
cnggggggng	gnnnnagng	nannnccnnn	nnncnnncng	nncacnaggn	cnggagcnaa	240
gaagnnaacn	ttttntanca	ngnnaancnn	atnnccnna	nagcancnc	gggggggaaan	300
cnggaagacc	ncncnnnggg	nnnaannana	nnancnanca	nnngngagca	aacanngana	360
nnnannggc	naagcnaac	ncnnannnnna	nncccagnca	cgnnncncnn	gnncnnnann	420
nannaccnac	ancncnnng	acnnaagaan	nacgncaana	aacgnannna	cncnancnca	480
gnacnnagcn	nnanaacacc	canncanaac	caaaaaanann	ncnatngcnn	nnngnnnann	540
ncnncncaa	nnnnncnnnn	nccgcnnnna	nancnnncan	ncagncacan	ncgcacancn	600
ancnccanna	gananngcc	aancnnaann	ncannaggnc	annnacntna	aggcanacan	660
acngnncagc	acncnnanac	gangccnnag	nganccacac	anncgannnn	cnnnnnnnac	720
gnaaananca	ngacngcnn	ncangcgnac	anaaganana	acnnacganc	cnannnaaac	780
ancagcnanc	annannannnn	anngcnnncn	nnngannncn	ngnncgacan	acanananna	840
nngnngancc	cnnagacnan	ngacnaaaanc	annacganga	cangcnggca	ncnactcaan	900
nannagnacn	cccnanaacn	acncnnaccn	ncgcngacac	naccaaanaa	nnaacancac	960
nannaacnga	naanacnacc	nccgcnnngn	ccganccnag	cnncnncag	ncnnaaccnn	1020
annaccannn	ncannncncc	cncgagccgn	ccngacanac	acncagaacc	nnnnnacaac	1080
aanacncnca	tcannnnngn	cnnccacnan	ntnncacga	cnancgcana	cnncgacnna	1140
ncnnngnant	nncagcgaca	gcgnanacnc	ntacnngnna	acnnncnnnc	gnccg	1195

<210> 4985
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 4985

gcaatgtgct	ctngtccttt	tgcaggatcc	ctcgattcga	attcggcacg	aggccttttg	60
tggggtctca	tacataactc	agtttccaca	aagctgtgcc	ccagctcagc	cctatggnta	120
gaagcatggg	ctgggggtcc	tttgctgacc	agggtgtgtg	ctttgtccaa	gttactgacc	180
ttcccaaacc	tcatcaatgc	acataaaaaag	agcacttgca	aacaatgaat	ctagacatgg	240
accttcacaa	agaaataact	caaaatggat	cccaggccta	aatgaaaaat	gaaaaactat	300
aaaactccta	gaagataaca	taaaagaaga	tctagatgac	ctagggtttg	gcaatgactt	360
tttagatcca	gcaccaaagg	caggatccag	gaaagaaata	attgataagc	tggacttcat	420
taaaacgaaa	acttctgctc	tgtgaaagat	gctgccaaaa	aatgaaaaga	caagccacag	480
actgggagaa	aatatttttg	atggaaatat	ctgagaagag	aggcttggtta	tccaaaatat	540
acaaagaatt	tctaaaactc	aataatttga	aaataaaca	cccaatttaa	aaagtgggcc	600
aaagatctta	aatgacgcct	taccaaagga	agatcccngg	atggcaaaat	aagcntatga	660
aaagatgctt	ccnggctggg	cacngtggct	nacgcccgtta	atnccancct	ttnggatgcc	720
aaggcaggca	gacn					735

<210> 4986
 <211> 1497
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1497)
 <223> n = A,T,C or G

<400> 4986

cnttcnnntt	cntgaacctt	tttttccnat	tcccccnnna	tctcncgtaa	tncccnncan	60
ganttnccnc	ngcatccca	cttantntcn	tntgngngcn	cagaagntnc	gngacnnttt	120
tttngccccc	canactgcgn	gtttntanna	ngnnancgcc	nngtcngtnn	tnncnttgnc	180
nnnnnatatc	cannctnnc	tnnnnccct	ancgcacant	ntcncaatan	tnnaacgnnc	240
nannnacct	nccnatccac	ntcanagtaa	aatnctnnca	attncancat	tagtgnnttc	300
nannacctnn	ccgtnnatat	ctgnnttcca	tccacaaagn	ccaatcnnng	natcncnntn	360
tnantatncc	ntagagnncn	ccnnntccca	tctatcgnct	nnnnnatnct	nggaccnnnn	420
tcccatncca	nnngtnann	cngantnntg	tgncacnnnt	gngnncngca	tctcaancat	480
catctcgtct	cttgacgatn	tncttantcg	gcgcattagg	ntcnatcgnn	tantnngntc	540
ancacctant	ntaatctcan	tntnatcann	tctacctatn	tcatatcngc	canacagtct	600
cncctctaat	ncnncgcann	gcncatntat	caantcanna	nactcmtata	nctcacatnt	660
ctcnnngngc	atntactctc	cnagctctgt	catttttntc	atctntctct	ctgatacagc	720
cacntnggaa	aactagcnnc	tactcaccna	tagccnnatc	tatacgctcn	ctntcnnnag	780
ngactcgata	natgcgtgcg	tgntcnnctc	atagcnnncn	nctcattngc	atnananac	840
tcnntcgcgc	nactgttgct	ntcatcttgn	nncantacan	tgagaagtnt	tatatatagc	900
nacnananat	atagactcat	ctcactacnn	angacgcgan	gctanactnt	acttatanac	960
ctcactnntn	gncactntac	ttatactntc	ncntntntga	nacggctnca	gtatatcgcn	1020
gggntctcac	ttactntnng	cnctnncact	ntcctnngng	cnnnnaacag	tatntacact	1080
ctatnaaten	canacgncna	ctgctccatt	ctgnnccaan	ntctctctct	gcancnnntt	1140
nnnnntcgna	tnngcncgat	cattgncnnn	natngngtcn	ctctncanna	ctnctctctn	1200
gnngccanc	cacnnngnag	cntctcnnct	atnncgaten	tnngncaactn	antaaacctc	1260
atcacatent	cntctctccn	cnctnnnnan	atctaccctn	ntnttnaatg	cntnatgtna	1320
ctccacgant	atntcncact	ttatcnnntn	ccnctntatc	gnnnctctnt	tancagtctc	1380
nacttatntg	ctctnnngnc	cnacnnttna	gcctcncogn	tnnatactcc	ntcncnatgt	1440
ccgntccnecg	nagcnncata	ngngnntnnn	ntatcmtata	cgntncanan	tcgacnt	1497

<210> 4987
 <211> 769
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(769)
 <223> n = A,T,C or G

<400> 4987

tttctaaatg	gcttggnctc	ngttctttct	ncangatccc	atgcgattcg	aattcggcac	60
gagcccagag	aagagctttt	cagagaaagg	tacagacaag	aagctagaaa	gagtgggaagg	120
agcagcagtc	ttgcaaggaa	gcagggcaga	gacacagccc	atggcccttc	actgccctgc	180
tggaagggct	gatggagctc	cccgcacatg	gttcctgcct	gggtgacaga	ggctcctgtg	240
gccactttag	aagtgcgggt	tactcctcat	gccgagatgg	accttgggca	gctcagttca	300
caagatgttg	gtcaggcgct	atttaaata	tttcagtcag	cagaggaagc	aaagcgtgcc	360
attgaggctt	gtgctgtcag	cggatcctcg	gtctgtgtac	cgccggaagc	tttgccagga	420
ccgccttttc	tactttactg	tagacatagc	gcattgtcact	tgctgggttg	gtgatggctt	480

tgcagagggtg	ctgaggatca	agcgggcttc	tgagcctgtt	catatgactg	gcccgtgtggg	540
gtcccttggtg	tctctggggg	cttaaggagc	ctcctcatgt	ctttaangta	gcacattga	600
tctttggatg	tggtttttgg	atcttctgaa	caagctaatt	ttgtgtcaaa	gaaccaccac	660
tttgtgatct	catnggcttt	gattgatttg	ggcttgttca	aaatgggtat	ttgaaaaaac	720
gtntacnttt	aataaaactt	ancaaagaga	ttntaaaate	cgganaaaaa		769

<210> 4988

<211> 795

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(795)

<223> n = A,T,C or G

<400> 4988

ttgtacntct	tttttnaaac	ccntngetac	ttgttctctt	tgcanggatc	cctcgattcg	60
ggaatctcct	agaaagtgtg	gatttttcgag	ccatatecct	ctgtggtaga	tcctaattgat	120
cctcagatgt	tggtcttcaa	ccccaggaaa	aagaactatg	atcgagtaat	gaaagcactg	180
gatagcataa	cttctatcag	agaaatgaca	caagcaccat	atctggaaat	caagaagcaa	240
atggataaac	aggacccctt	tgctcatccc	ttactgcaat	gggttatatc	aagtaataga	300
tcacataattg	tgaactgcc	agttaacagg	caattgaagt	ttatgcatac	tccacatcag	360
ttccttcttc	tcagcagtc	accagccaaa	gaatccaatt	ttagagctgc	taaaaaactc	420
tttggagca	cctttgcatt	tcattggtca	cacattgaaa	actggcactc	ctcctganga	480
atgggtctggt	ngttgcttct	aatacacgat	tgcagctnca	tgnggcaatg	tatggaagtg	540
gaatctatct	tagtccaatg	tcaagcntat	cattttgntt	actcagggat	gaaccangaa	600
acagaaaagg	ntcagcccag	gacgagccac	cttcaagcng	ttaanaagcc	agcaattaca	660
ttcacagtcn	ccaggaaana	aaaggncagn	cctatccccc	ctttncctgg	caaaaggccc	720
gtnaacctta	aanaaactgc	ctttagecct	ttatnntgga	aagtggattc	ncncttnatt	780
cttggacccc	tgncn					795

<210> 4989

<211> 737

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(737)

<223> n = A,T,C or G

<400> 4989

ggaatngctt	ncnnnngctc	ttgtgcnnga	tcctntatnn	nnngcgccac	cgtgcctggc	60
tggaatggtc	aatttgaagt	gaatgggttaa	ncatccagct	agctgaaagc	atggcagacc	120
ctancagaaa	agctncagtg	tgttnttgca	gctatnaagn	gaatggnttc	ctggggaaaa	180
ttgtgacttt	gnntaaactgt	tgttgaaacc	agaataaatt	atatttcact	tgcatatgca	240
taaattatta	aaattttcag	aagtcagtga	tacagaagta	ctatnttgca	atgtnaatct	300
gcttgagtct	ttggagaaa	tggtttcatt	gtangtacat	agngcactgn	taatatTTta	360
aacaagtnnt	tnactcttcc	atntaaggga	tagcatntcc	ttgtataaaa	tgactggatg	420
tgtataaagg	aattatgttg	tcattgtgct	ttaccagct	ntantcatta	ctataatctg	480
atatttatga	tanttcnggn	nngtgacagg	accatatgaa	aatntcttat	gtcancncat	540
cacttttagat	tntatnatta	tgnacattac	tggggtntta	nccttttgcta	atgtgaagcn	600
ttcttcccta	ntaagtctac	attaccttnt	gtcattttan	atcatatata	acnataactt	660
tataantnat	ctnanaccnn	gcccttgcc	nttanacttt	cnnncgcnc	ttaccgtaga	720
tcngacatg	ataagaa					737

<210> 4990
 <211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(772)
 <223> n = A,T,C or G

<400> 4990

tttentaant	gnntnggtnc	tcgttctttc	tncannange	nontgcgntn	cgaattcggc	60
acgagccag	ccctagatac	tggcactact	gaggaggatc	gtttaaaaat	tgatgtaatt	120
gactggttgg	tatttgaccc	acgcagaggg	canaagcact	gaaacaaggc	aatgcaatta	180
tgagaaaatt	cttggcatca	aaaaagcacg	aagctgcaaa	agaagtattt	gtgaaaattc	240
ctcaggatcc	tatagcagaa	atctataatc	agtgcgagga	acaaggaatg	gaaagtccac	300
ttcctgctga	agatgataat	gctatccgag	aacatttgtg	catcagagct	tatttggaag	360
cccataaacc	ctttaatgag	tggtttaagc	atatgaattc	agttccacaa	aaacctgctt	420
tgatacctca	accaactttt	actgagaaag	tggctcatga	acacaaagaa	aagaaatatg	480
aaatggattt	tggatatttg	aaagggcatt	tggatgccct	aactgctgat	gtgaaggaga	540
aaatgtataa	cgtcttggtg	tttggtgatg	ganggtggat	ggtggatggt	agagaggatg	600
ccaaagaang	accattgaaa	agaacacatc	aaatggtctt	acctgagaaa	gctttgtctg	660
cccatggtnn	gttttctggt	tcataccnat	attgccaan	actggtcaat	ttcaggaatg	720
cctacagtta	ccantatggn	atcctntnag	cgccacacac	tggacctggt	nt	772

<210> 4991
 <211> 828
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(828)
 <223> n = A,T,C or G

<400> 4991

tctatccctt	ncatcaatccn	ttatccngnt	ctttgcagga	cccatcgatt	cgaattcggc	60
acgagaaaagc	annaaaaaag	gaannccan	gntttntnc	ccaaagtgtg	tttctagatn	120
tgtggctnta	anaaaaacaa	aacacaacaa	acacattgtt	tttctcagaa	ccaggattct	180
ctgagaggtc	agagcatctc	gctgttnatt	tgntgttggt	ttaaaatatt	atgatttggc	240
tacagaccag	gcagggaaaag	agacccggta	attggagggt	gagcctcggn	ggggggcang	300
acgccccggt	ttcggcacag	cccggtcact	cacggcctcg	ctctcgctt	acccccgctc	360
ctgggctttg	atggtctggt	gccagtgcct	gtgcccactc	tgtgcctgct	gggangangc	420
ccaagctctc	tgggtggcgn	ccctgtgcac	ctggccaggg	gaaagccccg	nggtctgggg	480
cctcctccna	ctgcgcncac	tttgcaanaa	taaactctcn	cctgggggtt	nnctatcttt	540
ggnnctctna	ccctggtnaa	gaaacgccaa	ngtggttccc	naaacgncn	tncttgcaag	600
aacaaaagta	cccccttgc	accttctcn	atgggcntca	acgaatntaa	gggaagggnc	660
cccccaaggc	cccccttct	ggngttngnc	cngntnaant	nntttgggnc	cngcnttttc	720
cnaaacntnt	ttatnngngt	nccaancccc	ttaangccan	ngtccccngn	ggggaacaac	780
caannggccc	ctcaagcccc	aanngccct	ttncgggggg	ccccccnt		828

<210> 4992
 <211> 1499
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1499)
 <223> n = A,T,C or G

<400> 4992

cancncanca	ccanacacac	antcncnctt	tttcaactttt	tttttccccca	anaaaaccgan	60
cncgttttccc	ccacngtctc	aaccnctac	acnngcgcn	anncgcnaca	cacccccgcnc	120
aancancenn	ncntcnaca	cncncaacta	cactncatac	actcncatcn	ctaencacnc	180
acatacaaca	acaccacaca	tcncntaac	acacanacac	caccacccaaa	tcnnancccn	240
ccnannnnca	acannnccat	ncanacacnn	acaccacacn	ccancaccca	cctctnnan	300
ccacacccct	atctccnca	cacnaccaca	ccaccccgca	aacnnnccgc	ccantencan	360
tnccncncac	anacacacac	acancctcac	cacnacaccc	canacacanc	ccccnacncn	420
caccacccac	cnnncncccc	nnccnccaac	actacaccaa	cncennnatc	aancnnaana	480
ccanccanac	cnnacccncc	cctcnacccc	ncaccnnanc	acctcacacc	cccacccanc	540
nccacnaccc	caanccaccc	cccacannnc	ttntnanaana	acanccaatn	ccccacccc	600
ncancannca	ccacnacacc	ccccccccct	aanccacnnc	cacccccacc	ccncacccct	660
anncnacnnc	cnccccacna	acaaccncac	cnacaccnca	cctccccccc	catctcntna	720
cncccccgcc	tcacccnaac	ccacatctnc	tcacacanc	ccaacacncc	ncnanacacn	780
nnacacacna	caacacccctc	tctcncacnc	tacantcann	cacatacaca	nnatcanc	840
ncntntncnc	ccaactncnc	actaacctng	cancncacnc	tcncnctcct	caccantcgc	900
acnccccacac	ccctacccat	actcncntcc	nnntacacac	atnancacac	cacacnntnc	960
accacnnccn	acnnacncn	cnntacancn	cncancacca	cacctnacgc	acacccctnat	1020
ccacancacg	accacacncc	cctnccacaa	accacangac	cnncccccac	acatntacca	1080
cgnccetaaca	ccaacnnact	ctctaccacg	acaatcncct	ctcaaaaacac	nnnatctnta	1140
tancanccca	ncacgtcaca	cncnctnnaa	caaccncaca	tcacgtcaac	atnaaccaca	1200
catnccacnc	antncatctc	accnntacn	actcactcca	ctacncncnc	tctccnacca	1260
cncncctcc	ctatncaaca	ctcancntcn	aacactnctc	nccncntcc	cnccccacca	1320
cncntccgc	atcncnaaca	cccacctaca	ccancacnnc	accnccccc	ccnaccacaca	1380
catccccan	taccatcaac	aaacacataa	gcacnccact	cccaccanac	caccnataat	1440
actntacncc	tctccccaca	cncncccccn	naccatctca	ccccccctnc	cncncncn	1499

<210> 4993
 <211> 1576
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (1576)
 <223> n = A,T,C or G

<400> 4993

gncctccctc	ntcttncntt	tttggttttn	gtttttccna	atcncctttt	tcngccacat	60
ttnttggnnc	nggnateccc	atncgnnttt	cggaatttcg	ngccacccgta	gtagtanggg	120
tnggggngtn	ctgggcccac	catnanggta	ntcctentnn	tcgngntttc	ttgnnctcta	180
nagggngtgt	acnnncaactn	gtctnatggg	ccntacgcac	ttctaatcng	ttcactatgt	240
cancancatc	atgcnacnct	nnntacttc	tgcnaacctc	cctctnccnn	ttcncange	300
cactggacnc	tcantcacct	netnnacnac	annngntttc	cancncgnc	ttcttcattn	360
nnctccatnn	cactttnnnc	cncnctcaca	ntcctcccat	cnttntccca	nccactcnc	420
cacancctnc	ntctaantct	tnatcanatn	tcactctcat	tcatnnttca	ccnactgtn	480
nancantccc	gnetctacat	gtcntanccg	atnntentnc	tncaactcat	ncannnccct	540
ngcgcccttat	caaataactcn	tacnactnt	taccctactn	ntnctntcan	entctactnt	600
ccctctctc	cttctatctc	accatacacc	tctatcngan	cntnnccatn	ctatcnncta	660
tcacnacnnc	tgtnactcgc	tntcactctc	ntntntttctc	tcgcactaac	atanntcaat	720
cccancctctc	ntactctgta	ntcncagct	ctgatctctc	ncgtanaact	cctactctac	780

tacactntct	acnctntctn	tacgacacac	gncagctcac	tctccactac	tntctnctnc	840
acnctctcc	gagnctntct	ctcnnntcn	actactatct	nnaacgtcgc	ttactnacnn	900
tcnctccana	ttnagttctc	canctgtann	catctcgctt	tnacactcan	cnnnccctna	960
ctcgnactct	canactctct	cngcnctatc	tcacacaatt	ccgtnnctcn	ancanacacn	1020
acnatacgtn	gcttcatnct	cntcaagtan	attncancat	natchctatn	tcttctatan	1080
ctattnnngan	ncatacnctc	atcggcancct	cacactctat	nanctcnnta	cacacccagn	1140
gtcatacntc	ttctgenagt	ntcnnnctc	gacgcannnc	catctcanca	ctcananttc	1200
tcacnagnacg	tacacnccna	tctctcnnng	ccnccanntg	actcatnacc	tatctntcna	1260
nctctnctgnt	ctcnnctecn	tctctatcct	ctctacnctc	tntctcttac	gtccnccnnn	1320
tcacttaact	cntacnntca	cnnctctaca	tcttctntcat	ctctctntct	atantcttta	1380
tcgntnnnta	ctncnaccag	cntctgctat	ccttgcttgn	actccnccnc	atcgaccnct	1440
ctctcatnngn	tcacatcnt	cntctntnta	ctcgtcacat	ctctccnacc	ccnatatctc	1500
tnttatcctn	anancnccnc	accgcagngc	accactcann	tennatnct	ntannacnnt	1560
cccacntctg	accnct					1576

<210> 4994

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(796)

<223> n = A,T,C or G

<400> 4994

gnntnnnnnt	ttnnccctana	cngaattggtt	gggttaacgc	cctttcnnna	ngnagnccng	60
cgntncgaat	tcggcacagag	gccaaatgcc	ggaattcaaa	acctggcttt	taaaaagaat	120
gnttttgaa	aaggcgaatt	atatttgaga	gaaaagtgtg	aaaattcaat	tgaatcccta	180
agattattta	aaaatgatcc	tttgttcttc	aaacctggta	gtcagttttt	gtattcaact	240
tttggtctata	cctactggc	agccatagta	gagagagctt	caggatgtaa	atatttggac	300
tatatgcaga	aaatattcca	tgacttggat	atgctgacga	ctgtgcagga	agaaaacgag	360
ccagtgtatt	acaatagagc	aagattttat	gtttacaata	aaaagaaacg	tcttgtcaac	420
acaccttacg	tggataactc	ctataaatgg	gctgggtggtg	gatttctgtc	tacagtgggt	480
gaccttctga	aatttgggaa	tgtaatgctt	tatggttacc	aagttgggct	gtttaagaac	540
tcaaatgaaa	atcttttacc	tggatacctc	aaaccagaac	aatgggttatg	atgtggaccc	600
cagtccttaa	cacagagatg	tcttgggata	aagagggtaa	atatgcaatg	gcctgggggtg	660
tttggtggaa	aaagaaccaa	accgatggg	ttcgtgtaga	aagcaaccgg	cattatgcct	720
tcacatactg	ggaagggccca	ntgggtgccca	gtagtgtccn	gctnggccct	tccttgaana	780
actggattcn	aaagnt					796

<210> 4995

<211> 815

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(815)

<223> n = A,T,C or G

<400> 4995

tnnnctttc	ctaattgcttt	cctaantggc	ntgggttctn	gttctttctn	caagtatccc	60
ntgcgntnctg	tataatctgg	gggtacagag	caaggaagaa	gtactttgac	tttgaggaga	120
ttctggcctt	tgtcaaccac	cactgggagc	tcctgcagct	tggcaagctc	accagcacc	180
cagtgcacaga	tcgaggacca	catctctcca	acgctctgaa	cagttataaa	agccgggtcc	240

tctgcgggcaa	ggagatcaag	agaagaagt	gcattcttcg	cctgcgcatc	cgcgccccac	300
ccaacccgcc	agggaaagctg	ctgcctgaca	aaggactgct	gccaaatgag	aacagcgctt	360
cctctgagct	gcgtaagaga	ggaaagagca	agcctgggtt	gttgctcac	gaattccagc	420
agcagaaaag	gcgagtttat	agaagaaaaa	gatcaaagt	tttgctggaa	gatgctatct	480
tccgagcttc	gcaatgccgc	taaggacnac	aagaagaaga	angacgctgg	aaagtcggcc	540
aagaaagaca	aaagacccag	tgaacaaatc	ccggggcaag	gccaaaaaga	agaagtggtc	600
caaaggcaaa	gttcggggaca	agctcaatac	ttaatctttg	tttgacaaag	ctccctatga	660
taaactctgt	aanggaagt	cccaactttt	aaaccttata	acccccanct	tgtggncctc	720
ttgagaagac	ttggaaagat	tcnagggtt	cccttgggcc	agggggccagc	ccctttaagg	780
agcttccttt	aattaaagga	ccttattcaa	aaccg			815

<210> 4996

<211> 753

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(753)

<223> n = A,T,C or G

<400> 4996

tnnnnctttg	acggatcttn	gcagnactna	acggcaantt	ccctcttttt	gcaggatccc	60
atcgattcga	attcggcacg	aggagtaagg	gcaggggcct	aanaaacagn	ttttgttggg	120
tcttgaggca	aaaaaagaag	aaaatcttgc	tgattgggtat	tctcaggtca	tcacaaagtc	180
agaaatgatt	gaataccatg	acataagtgg	ctgttatatt	cttcgtccct	gggcctatgc	240
catttgaggaa	gccatcaagg	acttttttga	tgctgagatc	aagaaacttg	gtgttgaaaa	300
ctgctacttc	cccatgtttg	tgtctcaaag	tgcattagag	aaagagaaga	ctcatgntgc	360
tgactttgcc	ccanagggtg	cttgggntac	nagatctggc	aaaaccgagc	tggcanaacc	420
aattgccatt	cgctctacta	gtgaaacagt	aatgtatcct	gcatatgcaa	aatgggtaca	480
gtcacacaga	gacctgcccc	tcaagctcaa	ncagtgggtg	aatgtggngc	cgttgggaat	540
caagcatcct	cagnctttcc	tacgtactcg	ggaattttct	tggcaggaag	ggcacanngc	600
ttttgctacc	atggaaaagc	aacggaaaag	gcttgcanat	cttgacttaa	atgctcagga	660
tatgaagaac	tccggcaatn	cngnngtnaa	ggaagaagac	ggaaangaaa	aattcaggan	720
gagacttnca	ctccatagaa	gctttattct	gcc			753

<210> 4997

<211> 711

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(711)

<223> n = A,T,C or G

<400> 4997

tggtttanat	cnngetcttg	ttctttttgc	aggatccctc	gnntcgaaaa	atthttatgga	60
cttctatgga	tattttcttg	tgcttagaga	tttgtttttt	taattgcaaa	tgtgaattgt	120
ctattttaca	atgctattac	atatggagcg	ggcctgtggg	gtatggcact	attccttggg	180
ctaattggtac	ccaggttcca	ttctctgctc	agctcggtgg	ctctagacaa	agccccataa	240
atgctgtctg	cttcagtctc	cttaattggtg	aagtggaaat	gaatacctac	tgtcacttaa	300
ctcatggaga	tgctggactg	ataattagat	catgtaagag	cactttgagc	tgtattgaaa	360
aatatgttgt	ctcaaattaa	gtagagtcta	tggtttttga	aatataaata	tattgccaga	420
aaatacatca	ctggggggagc	aaaacatgta	gaccaaataat	aacagggatt	agtaacatca	480
gtaaacatag	ttgggaaaag	atggcactaa	agaaagccaa	gaagaaagtg	ttgctcttgt	540

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aaaccaaann aaaaaaaaaa aaactcgagc ctctagacta tagtgagtcg tattacgtag      600
atccagacat gataagatnc attgatgagt ttggacaaac cacacctaga aatgcatgaa      660
aaaaaatgct ttattnggga aatttgggat gctatngctt tatttgnacc c              711

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<210> 4998
<211> 786
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(786)
<223> n = A,T,C or G

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<400> 4998
ngntttannt attnnenttg cgctttgnga acttcengca nganttcgcy attcgctgaa      60
atgtcanaca cggccaccta ggcagcattt acaagcaaga nttttctgct nttttgatgt      120
atatcttaag cgccccagt gaatgaacag catataactc cacataaaaa tcattaaatg      180
taattgactt ccagagcagg cagntctggt gtatgcctct ggagaaggct ggctgaattg      240
gaattggnet gtaccttctg cctatcatgt acatgaggct tttgggcaaa gagaactttc      300
cacaaaataa gtccaaaaat tatagatcat cagacaacca ataacatatt gatgagatat      360
ctccaagatc tagaanctgc ctgggtgtca aggaagtcnt ttgggggtttt tacaaatatt      420
gataatgcac tttctataaa atgcactttt tataaaaaatg catgctcant tgagacaact      480
tgaaaaacac naagaaaagg cccgggccgt agtggctcac gcctgggnatc ccagcantct      540
gggagggcna aacgggggtg atnaccgaag gtcangagaa ntgagaccat cctggcnaac      600
atggngaaaa cccccagact ctactnaaaa aatacataaa aattancang gtgtangntg      660
ncggggcgcc natnagncnc antctactna aggaggcctg aagcaggaag aatgggggtg      720
accnnggaa nacngaacct tgcantnaac cggnnatccc gncactggna cctatagnct      780
gggngg                                           786

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<210> 4999
<211> 1251
<212> DNA
<213> Homo sapiens

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<220>
<221> misc_feature
<222> (1)...(1251)
<223> n = A,T,C or G

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```

<400> 4999
acgagggggc tccccctttt ttttngnaaa aaaaaacccc ccntttttttt ggggggggna      60
aagnttgggg gggctttttc cnaaaaaancn cccnttttgg gcanaaaaaa nnncccnnc      120
nnaccennna ccannnnnca nannnnnggg gcnncncnng nncnacancn cggccacnan      180
cnnanancng gngtggntca cannannacg gnnnggggnt cncanccac nnnnggtnct      240
ctatncgggg gngcgggggg ccncnggggn nncnggnatc acctgggggn ggnncncncac      300
cggggggggn nencnngcn gngccacca taggggggnc anaatggngg ccccnncnng      360
nncacancca aggnngcaca cntanccenn annacaccnc ccacacctnc tncnanaacc      420
nannnacana nenncnacc naacncnacc cancanccac cccaccnnc ncnncacccc      480
acnacncaac cctccancn accncccnan aacaaannnc ccccnacant cnnncccnnc      540
nnnaacncnc nancccnac aanncccatn nnaccnanac ncnncannna ctaanacnct      600
nnccacnnna canaaactnt nnacncancc acncnacccc cccncaaccc ccccccaac      660
nanacnncnc tccccatac cacaacacnt nccanctnac cctnaaacn anancaaaca      720
tanaaancca cncaccnca accaccaac acnnctaann ccaccaacan aaaccnccac      780
cacanacnac cncataccan cnnnacna tcaccnnaac acaccanacc cntactncac      840
cnntcnatct cnnnncatnc nctancacna cacnnnaacc tcacacacnn catacccan      900

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cannacacan tctatacanc nnetcaacna cccncacatc ctattactnn acancacncc 960
natnctcnaa ncnncncaca anaenchnacc aacacncaac catctcacat ctncacnca 1020
acnacancan tctcncccaa cacaaatcnn cncnnaacnc tccncanacn tacancatac 1080
acacnnacta caacgcncca ccccnctctc ncaacacnca cnntcatnna cncacntccn 1140
anacnctnnc acaactaaca tccccacnan acacacnana nacacaccca nnnccaccann 1200
acacnaaacc ntcacaccac nactactnnc aanctnnnnc cacatnnenc c 1251

```

<210> 5000

<211> 787

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(787)

<223> n = A,T,C or G

<400> 5000

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gnttttcccta ggnatnnctt tggcacttnc tctttttgca ggatcccatc gattcgaaatt 60
cggcacgagt cgagtttttt tttttttttt ttcacttttt aatacacttc aatgggttttt 120
aatatatttca cagttgtaca actatcacta gacaaaatat ttttatctgt atgaagtgcct 180
gtgtgtatca tggggccaag tcaggggaag acaggagttt accaggggaa gaaatgcatt 240
ccagggaaag agaacaaatg tgcaaaaaga cgggaattctg aaatgacctc gcatttgcatt 300
aatatgaaac tgcaggggga ggtaggctag agtttatagt gaggaaacaa ttgggctagt 360
ttacaaatga ggaatctgaa gctcaaatag atgaagtaac tggcataagg caattatctt 420
atgctaactc aagaaaaggt gtctaaggca ggggtcccca accttgggtc catggactgg 480
gtactgtggc ctggttaggaa cccggctaca cagcaggagg tgaggagcag gcaagcatta 540
ctgcttgagc tccacctnct gtcanatcaa ccggnngcat caaattctca tcggaacttg 600
aacccttatt tttgaactgc ncattgttan ggataggttg cattgctccc ttatgagaaa 660
tctaacctaa tggcccgat gaatttgang gggaaaaaaa atttcaatcc ttgnaaccac 720
cccccnac cttgtttggn gggaaaaaaa nagnctttcc nntnnaaacc cggncacctg 780
gggnctt 787

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<210> 5001

<211> 900

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(900)

<223> n = A,T,C or G

<400> 5001

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nggntctttt gnaatttcta acacctgctc tttctaattnn ttggaatccc tcgattcgaa 60
ttcggcacga ggaanaaach gctctggaga aggccacgac annncanaga nntcaagtna 120
gaaanccacc agnctaactn naggatttag nancctnnnn ancgennntna ggnncaatga 180
ggctgacctt gaggtctctg gnaggggaaca cttgncggca cnnagctctt gtgcgtncn 240
ggtcactttg ntentatcca ttctctgaca ccccagttnn nattaancac ccanntnag 300
antntctgcn nggtgccngg cnnntntnta cnnangeect tetnctntnt tcnnannat 360
ccnccnnttt cctnatent ttggntcgga tanannttn ctngnaance ntngntttt 420
cttnnancan tnattctnna nccccaaatt tgcctttttn gtcttcttgn atttttctc 480
naattgccct tcnatctcc tttnatnttn atccctttt ntttttccct ngentttnc 540
ttcatcngt ntccctttt nttnttgcen atnttncaat nggncctac ttttatccn 600
ttnggggctt ttttgccnc ttnntttttt tcttccnant tcttccctta tttctnacc 660
ctntataach tacntnatct ttctctaaat tccccnntt tcttctnttn ttntccctnt 720

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ttttttgtcc	ancntacata	cttcnntnnt	tttngganc	tcnnccatt	tnntcngnn	780
tcaatctatc	tatcccnntn	tncnnttnc	ncnttncnnt	ntcnnttcta	tnntnttct	840
nttattnncn	tnntcnnnta	gttntcttt	tacntactan	nctttttcnn	ttntnnnccg	900

<210> 5002
 <211> 734
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(734)
 <223> n = A,T,C or G

<400> 5002						
gttnnctaaat	ggcnggcctg	ctcgttnctt	tctcgcagga	ncccnncgan	tcgaattcgg	60
cacgagggcgg	nncgggtccng	tacatggctc	tgtntgtcac	aanmnnnacgc	nntgnntgcc	120
cgttcnat	acnatagtgn	ngctntgtcc	aaatcntgga	ctctgccctc	natgaacttg	180
tgctatccag	atgaccnngc	tacatcactg	nttgctncnn	gtactngcan	nnnncacgna	240
atgtgggnant	gnatgganac	gntgaacctt	ttcnnactat	ngcccntnct	tntgnaatca	300
nnataaccct	gtttggnaact	ntntnngggc	tnctattcct	ggctgnggtn	tgntcnacac	360
tgaccaangg	gcctgtgctg	tananatgcn	annntnntnc	agnntncct	ngtnactntn	420
ntaaggcnna	tttnatntga	nantnatgca	cnattngccc	agtgagcnn	nagttcagng	480
nncgcannat	ggngancgcn	gtgcttancc	nagntctgtg	nnaggctatg	cccatntcaa	540
ggcntgcatg	gaactatgat	ggnnncannn	nattcnangc	ngtgtgncng	aatgagatcc	600
tngcacaagg	atatcatncn	tncagtnatg	gctgtncaac	tctggantct	angcatgttc	660
cgannntgan	ggnancagat	tnantngnac	cctgactggg	gcnnnngnanc	ngnacattga	720
aaaccngccg	ctgc					734

<210> 5003
 <211> 934
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(934)
 <223> n = A,T,C or G

<400> 5003						
nggnnnnttt	naaaattctt	natatacngc	tacttttcaa	atnnttggat	cccatcgatt	60
cgctggcggg	aaggctggaa	agggactccg	gaaaggccaa	gacaaaggcg	gtttcccgt	120
cgcagagagc	cggttgcag	ttcccagtg	gccgtattca	tcgacaccta	aaatctagga	180
cgaccagtca	tggacgtgtg	ggcgcgactg	ccgctgtgta	cagcgcagcc	atcctggagt	240
acctcaccgc	agaggtactt	gaactggcag	gaaatgcac	aaaagactta	aaggtaaagc	300
gtattacccc	tcgtcacttg	caacttgcta	ttcgtggaga	tgaanaattg	ggttctctta	360
ttaaagggtt	cnattgctgg	tggtgggggt	catttcncac	atttcccnaa	tnntttgaat	420
tggggaanaa	aaggnccccc	cnaaanantt	gtcttaaaag	gattccctgg	gatttccttg	480
ggtatcttca	aggacttctt	naaataacct	tttaacaagc	ttgtnccaaa	tggtttgggt	540
ggaattncca	nttgggacct	tggtattctt	cttggtggna	aaaaaccacc	aaatttttgg	600
cccttttttt	gggnaaatc	cttaattttg	gaagccnaaa	tttggggaaa	agnttttaaa	660
atttaagncn	tttttcccaa	acccaaaacc	cnaaaatttt	cttggccant	ttccnaagtt	720
cntttaaanc	cntttntttt	naaaaaatng	ttnaccttgg	gggggctttt	cnaaaaggaa	780
aagcctnttt	tggaaantct	tggaaaaant	aattgggggg	ttttttggaa	tttggaaatt	840
ttggacctgg	gnttttttna	aaaaaaacct	gggtttnggg	aatttttaaa	attgngggaa	900
ttncncnaaa	agttnttng	gtnaanccaa	accn			934

<210> 5004
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5004

ttnnnnnnn	cagcttcnng	ttcttttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	atttgtgteen	120
tgtantctnt	nnggnncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nangntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctaccng	cncnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagecn	480
ncgngcnag	cctntttgtg	agaagnncan	tcngtnntnc	acntgcccnn	agntagecgt	540
ttngnntna	cngacaacac	caactgggnt	ggtagccctnt	gtcnganttn	gaananangc	600
nntnacttgc	nngctcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5005
 <211> 757
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(757)
 <223> n = A,T,C or G

<400> 5005

ttnnnnnnn	cagcttcnng	ttcttttttgc	aggatcccat	cgattcgaat	tcggcacgag	60
ncnngatggn	nntgaatgnc	angnntatnn	cagatgagac	aagnganaca	atttgtgteen	120
tgtantctnt	nnggnncnt	ngntgcnggn	gaaacatnaa	ctatnggcan	gntaactgna	180
cancntagac	ccanngatnc	nangncaggn	cantantggg	aaccnccant	nangntntt	240
ttnnctatgn	tcacagcnnn	cacangtnna	gnctgangnn	tnananngac	nnangagana	300
nnncatttta	atngntnatg	ngaaagangg	nnaanattgn	ccnagagntt	agctcttnac	360
antactntag	tcntgcaagg	agtagccgtg	ngccngatca	gngaangact	gagnnctcan	420
anctaccng	cncnactgn	atgnngactn	gcattgntnan	cnaanntaac	ctgngagecn	480
ncgngcnag	cctntttgtg	agaagnncan	tcngtnntnc	acntgcccnn	agntagecgt	540
ttngnntna	cngacaacac	caactgggnt	ggtagccctnt	gtcnganttn	gaananangc	600
nntnacttgc	nngctcntta	ntgaaggatt	ggatactgan	anntacactc	cngacntttg	660
cnaaaatgga	aaannantgg	tctctnggan	ggnaactntt	nnacngngan	ctgttctant	720
aaaatannac	gtggatgaaa	agcttactgg	ncacngt			757

<210> 5006
 <211> 779
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1) ... (779)
 <223> n = A,T,C or G

<400> 5006

nttngaaatt	ccatatagna	ntgaacggga	antccccctt	ntgcaggcag	cccatcgatn	60
cgaattcggc	acgagaagan	gtttgattct	ttagataacn	cttttnangt	gctataaagg	120
gcctagttta	aaaggaactt	cttttgaaaa	gcaattaaca	gttgataaag	ggttaaataa	180
aaattatcta	gtaaggaatt	tcttattgga	atgtaaactg	ggttctaatt	ttaaatagac	240
agtgatataa	agaataaaaa	gtaaacagtg	aaattgagtt	ctccagggaa	aaggcagacc	300
tgtttagtaa	aaaaaggatg	cttttttcag	tgatgtcttt	ttttgagtgc	atatgtgtgt	360
gactcttgaa	gaaatccatg	ttcagattta	tcagatgatt	gaagtgggtg	ttctgaataa	420
agaaagctgt	gaggcctgag	gcagtgaccg	tatcaggaaa	catattttat	tggagatttg	480
gaagctatag	taaaacataa	tggcaataag	ccaacttccc	agtggtaaac	ccacagnggt	540
ggnttagttc	taacctcttg	atgaccgagg	aggntaataa	ttggatattg	cagagcagca	600
aatatgtaac	cngngngtaa	tctcanggcc	ncangntaan	cagnttccag	ncagaagccn	660
tagaagaaac	ccctgaccaa	aatttagctt	accccgagcc	tangctgccc	gcntatgnng	720
gncnggggtt	cntcnggggt	taaaagaaac	ctaataactg	nccacaanac	cnttgaccg	779

<210> 5007
 <211> 820
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (820)
 <223> n = A,T,C or G

<400> 5007

ctgnnnncng	ccgatccang	tagaactcat	gggaactccc	gcagganccc	agggngncga	60
acngngnncg	aggnaaccg	agagaagggn	gggtttaact	acacactttt	naacctgtct	120
taacanaagt	attatatang	nacagtttca	tacaggaatt	acctcaaaag	ggagtctnat	180
gangagcaac	tacagatagn	tgcaagggat	catacagaag	atatcgatga	taggtgaaan	240
atgcttagaa	gggggtgtgaa	tgtctagcng	ngacnaccat	gtgtatgtat	ccttgacaag	300
cagtataaaa	taccngtgan	gtnttcttta	cattacggga	taangcataa	ggaatcaatc	360
nccatatana	ctatcanccc	taatgnagca	aggggaagta	tntaattgcc	catgatatgt	420
annttactna	tactatgcca	gagaggaaac	tataaagtaa	ttacacangt	aaacttgggt	480
ntttcacana	cgnagggtatt	cattnngagt	acggtgaaga	agaaaaanga	atatcnaaat	540
gaactgaanc	cngatgggan	agtatcaaca	agtntntaaa	agcccaggat	tctaaaaaac	600
aataaagggg	cacgggcant	ttttggagtn	ngnacancct	tatgcccant	ggcnaanaat	660
nccaaaaatn	aaaagcggna	accattgggg	aaccccggtt	ggaccntaaa	nggcnaacnta	720
aatnggggaa	ccagcnantn	gangaatgan	ggaaccaaag	gggggttagg	caaataagcc	780
aaaaccccca	anaaaanant	nnngggncca	aaannncccg			820

<210> 5008
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (752)
 <223> n = A,T,C or G

<400> 5008

agagnnnnnn	tttnattctt	tgnnctctaa	nagcttggct	actngttctt	tttgcaggat	60
cccatgcat	tcgaattcgg	cacgaggcca	ccttctaagc	aagtgatggc	ctggctgggt	120
cagtaccctt	tgcaccctgc	tttttaaate	ttattctgca	cactttttca	tatctattca	180
tatgattaga	catcatcatt	ttaatggctt	catggcattc	catttttatg	gtatattata	240
aagagactaa	tacagaatta	tgttccttac	aatacatgat	ttttaaagtt	ttaaaagcta	300
actgggggta	catgccctca	ggacaagaca	cataaacaca	ttttgtngac	aaaaaanaaa	360
aannaaaaaa	aactcgagcc	tctagaacta	tagtgagtcg	tattacgtag	atccagacnt	420
gataagatac	attgatgagt	ttggacaaac	cacaactaga	atgcagtga	aaaaatgctt	480
tattttgtgaa	atttgtgatg	ctatngcttt	atttgaacc	attataagct	gcaataaaca	540
agttaacaac	aacaattgca	ttcattttat	gttnacaggt	canggggagg	tgtgggaggt	600
tttttaattc	gcggccgcgg	cgccaatgca	ttgggccccg	gtcccacttt	tggccctttt	660
agtganggtt	aattgcncct	ttggcgtaac	atggncatag	ctgnttctct	tggggaaaat	720
ggtatccgnt	cacaaattcc	acaacatacg	ag			752

<210> 5009

<211> 809

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(809)

<223> n = A,T,C or G

<400> 5009

tttnnaannn	ncagcgtnc	cncnttncn	ctncgtgaaa	ccctttggca	annccccccn	60
nnnngcagga	tcccatcgat	tcgaattcgg	cacgagattc	tctcaataat	ggccagccga	120
aatttcncgc	tgccaggcat	ctgcctccgc	ggggtcatta	aactcccaca	gtggtcaccc	180
cactgctgat	gtacagactt	tccaggcaaa	gcgccatatt	catcaacacc	gncagtctta	240
ctgtaattat	aacactggag	gtcagttaga	gggcaatgca	gccacttcct	atcanaagca	300
gactgacaaa	cccagccact	gtagccagtt	tgtgacacct	ccgaggatga	ggagacagtt	360
ctcagcaccc	aatctcaaag	ctggctcgaga	aaccacagtg	tanaatcaag	tnactggaca	420
aacttgaaa	catgggtggaa	gaaacagaca	gngttagctc	atgatnngat	ttggtnctac	480
ctttggcctt	gagttcttat	tatttacct	ataaanatta	actggttnta	tattgntaag	540
acaaaacact	ggtaaaaagtn	gcaacacctc	cctnntgctt	gtataccata	aatgggcagn	600
ctctggaaat	tnatggataa	agcatcaaag	aaactgcnnn	ngtgctgaaa	acgtttctnn	660
ctttnttttag	ngcctnaatt	taagatactt	tactttacnc	cncntngna	atctgggngg	720
cangnntctc	ttttanggnn	tggnaaaana	ncggnettcg	cccctnntaa	acttnnagnn	780
gngtngggat	taccgcnaaa	cccngacc				809

<210> 5010

<211> 707

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(707)

<223> n = A,T,C or G

<400> 5010

cnaatgctgg	tngctngttc	tttttgagc	atcccatcga	ttcggggcta	gcctgcacgc	60
acgccaagat	ggagctccag	gctagcccac	agaacagccc	agccgcagcc	gtcctaccag	120
accagcacct	tgtaaccaca	gtctaaccca	gcgggcacca	ggcggtgaga	cctcctgccg	180
ctgccagccc	aggatagccc	ccttgccctc	tgcccaaggc	tcaggctacc	ccttgaggcg	240
tctggaggac	actaggcttg	acctggggag	tggcatgatg	gggggcaggg	tccgaggcaa	300

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cggagaagggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct 360
ggtctgctgg tgctaccagg cttgaacagt cttcaaattc actgctatta ggcaaattac 420
ctggctcccc ctgaactcca gcacctagaa ctatgtcaca ctctagtag gccgctgcat 480
tgggtgaaca aatgattttg aaagaatgaa tgtcttcctc tgtgcctgca ttctctcaga 540
aggctgtaac aaagattaaa taggaaaatt cgtggaaagt tcaaaaaaaaa aaannnnnct 600
aanantcatn nnannnnang agnntnaaaa aaaaaaaact cgagcctnta aancntntagg 660
gagncgattt acgtanatcc agacatgata ngatncattg atgagtt 707

```

<210> 5011

<211> 666

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (666)

<223> n = A,T,C or G

<400> 5011

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atgtgntaac acacataggg tcaangtaaa ggggtggcga aagatctgtt atgcagatgg 60
aaaaaaaaagat caggggtcac tattcttgta tcagataaaa cagacttttt aaatcaacaa 120
cagtagaaaa aggactaggg cattacataa tgaagaaggg ttcaattcaa caagatttat 180
cctatacaca cccaagattg gagcactcag atttctaaaa ctattatttc tagacctagg 240
aaaagaatta aacggccaca taataatagt gggggacttc aacacctcac tgacagtgtt 300
agatagatca tcaaggcaga aaactaacia attctgaact taaattnaac agttgactaa 360
ttgaacctaa tagacatcta cagaatactc caccaccaa caacagaaca tacttttttc 420
tcattgtgnc atagaaaata ctctaagatt gccacatgct ttgtcccaa gcaaatctca 480
gttaantcaa aaaaagattg aaatcatacc cangcttttc agactcctcc atagtaaaaa 540
attggaaatt caacaccaag agnaaactnt caaaaacatg ggaaacttaa acaacttgct 600
cctggatgac cttttggggg aattgttaaa atanggcata catnaacccc ttnttgaaac 660
aatgg

```

<210> 5012

<211> 802

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (802)

<223> n = A,T,C or G

<400> 5012

```

ttcgtntttc cngtagaact tncngcaaaa tcccgtannc gcangagccn atacgatccg 60
ggnccgntga acnaactaga ctacgcngcg ngcnggcttg tttnaaaan tggccagnnc 120
ttcttnagnc ngtagctcaa aacctgtgag natcanacat canaaatgng ngaaanntan 180
agcnnntnga anacaacatn ngngacaacc nacnanacaa nactatgggg ancagcttnt 240
ccatgtgang catagccang atccataacg anaangaaac cngaaccng gncnntcnca 300
anatgnaana cncntgcnnt gctgcaatgc ccngcaaagn cgatgaaana acngggctac 360
atacngcgag gaaggactat gcaactgctn ggcaggacta ntgactnnaa nctgngatct 420
nnnnggnact nagaacngaa nncntnaaag gnnacagnc caanttnaaa acngnnaaan 480
gnacngcntt cgacaacaag gntatncnga tntcatctga acacnggaag ggaaacnnaa 540
aaccttanac gagnetnngg atngaannng gacnntanta nnaacgcacc ctttaagaac 600
agcttganc cncnngaa ccngccatnt ttaaccccag ccttgggcac caccaggcaa 660
cgacaccagt ctancaaagn ctnangcnm naananatna gcncccagcc cngaaacgct 720
gnggcngga atatncaagg aaaccagaac tcttaaaacg gtttcccagn nggggaattt 780

```

taaaaaagggg gccaaacccct cc

802

<210> 5013
 <211> 874
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(874)
 <223> n = A,T,C or G

<400> 5013
 agcgggnttt taaaccctta tnttatnenc tnnngaaacna aatcgcncta aaaggggngg 60
 gggcgcgagc cctnnccac cccattncca aangaggntt cantggggtn nggccgngca 120
 ccattatccn nccccattcg naccnntaaa ncgctctatc aantacaana ncatgacctc 180
 cctnctcatct ntctnctacn cttctnana cantattnan tccacttgat ttttttttc 240
 ttaanactan ttatattact getncteggn gnetgentac cnttnccatg ctaaggctgg 300
 nacancagnc ctgngnnena taccgtgnaa tecccagga nancnancce ctnngnancg 360
 gaggncccg c annnccccnn atgcnnatag antagttcna nggaactnnag ntncnatcaa 420
 caactnnctn gnggngcagn ccnctnncc ttnnecaeng cccntnanct acgggganct 480
 gnatnatnctn ctntntcata tgnaatecnn tnttnctcg gtntggngca caaacgannn 540
 nntactagga antcttctn natagnccnt aanannacaa ngaatgggat taananccta 600
 nccccctngg cteccangna gaacancnc ataccnnttn gggntttngn ntaanaantg 660
 tctnannng gggnantaac taangnnacc cctantnct nntcgatccc cctanaagaa 720
 ntnttctnt atctttctct ccaagtacag ancncntagn naaaggntcc catntctatg 780
 ngncctnctn tttganaenc tnnctgngng acccactttg nctnngaang gncatnccat 840
 ntnaanctta accatnngt tattgnctc gcc 874

<210> 5014
 <211> 782
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(782)
 <223> n = A,T,C or G

<400> 5014
 agttcatcct ttcnaatngc ttggetactt gttctttttg caggatccca tegattcgaa 60
 ttcggcacga gggttttttt tttttttttt ttataggat cactttttatt tcaaacaatt 120
 aaatacaaac caatatttta ccccttcata gatgaaatca catcttttca ggatatgagt 180
 ataaagtaac aagcctaggg cagagcttgt actgacaaag tctgaaact acaatgagag 240
 gaaacacatt gctctacttc gggataagtc atgaccgaga ctcaatttca gagacgctct 300
 atgaacagag gtgcttgaag ccacagtggc agaagggaag gatggggaag tgtgccgaag 360
 agcctccagg catgacagac agtcccctga ccaagcacia gtaacaggcc ctttgggtct 420
 ctgcttctca ctggaaaatg atgaagccta natctgatga ctctagtgc caacatttaa 480
 caaagtctga aagttatgca ggacttcaca catgtacgga atggctgtat cacagaatat 540
 tatgccgtta gaaagtacac ggnactatt acctagcttc taaaattttt cagaagaaac 600
 agcagactta ttaagtggaa tcttaaatga aagggtattan cattttaatg gaaataaatg 660
 gaaaccagag caggggaacc caaagagccc anttagggga aagaatcctg aaaaaagtnt 720
 ggntttacac cangnancag cntttgaaag aaaaacccct nttggatttt tttccanaa 780
 na 874

<210> 5015

<211> 785
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5015
 gccccccnnnn nnnnnnnnttt tcaaaannccn tttnnnnnnnn nngnnnnnttt tannnnnnntn 60
 ttannnnnaca gctcttggttc tttttgcagg atccctcgat tcgattcggc acgagctacc 120
 ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatcnt nccctcntca 180
 gngtcatggn tnccangngt gagnttnatc tgcennacat ngtgacggag tttaggaaga 240
 atgntgccnc ctctntttat tccatgatta aggganaccc atnnggggac tataagaaaa 300
 gcnnttttnc tgctntgngg ncaanangan tnacnngncc cgggnnanag ctccatgct 360
 gtntgectgc accacccctt gccttccctc atacctttcc ntggatatgn atgccagggc 420
 ttnnacacatt gctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480
 aaacantggg tgcttgnttc tgatcnctag agnganctn ttggnnngnt ggagnactna 540
 antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatatcntnc 600
 aaagaggcta ctgtgctttt ancccttttt aaaacctcca tctgtattac attgnaaacc 660
 angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720
 aagttcgcn aacttaac ctgaaaatta tnatgnnctg ttnacctat catgttnata 780
 actnt 785

<210> 5016
 <211> 785
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(785)
 <223> n = A,T,C or G

<400> 5016
 gccccccnnnn nnnnnnnnttt tcaaaannccn tttnnnnnnnn nngnnnnnttt tannnnnnntn 60
 ttannnnnaca gctcttggttc tttttgcagg atccctcgat tcgattcggc acgagctacc 120
 ttgggctggc cctctatnat gctntgaggg gagctgggac agatgatcnt nccctcntca 180
 gngtcatggn tnccangngt gagnttnatc tgcennacat ngtgacggag tttaggaaga 240
 atgntgccnc ctctntttat tccatgatta aggganaccc atnnggggac tataagaaaa 300
 gcnnttttnc tgctntgngg ncaanangan tnacnngncc cgggnnanag ctccatgct 360
 gtntgectgc accacccctt gccttccctc atacctttcc ntggatatgn atgccagggc 420
 ttnnacacatt gctnattna tactnacntg ctnatgacca anacatncac gtgataacac 480
 aaacantggg tgcttgnttc tgatcnctag agnganctn ttggnnngnt ggagnactna 540
 antnttctna gtgtnacttn agttcaatgc ctggccatnt gcnatnacct tatatcntnc 600
 aaagaggcta ctgtgctttt ancccttttt aaaacctcca tctgtattac attgnaaacc 660
 angtttcttt aatnaggagc ttgacctcta nantgggaac tcttgggaat ggncttagtg 720
 aagttcgcn aacttaac ctgaaaatta tnatgnnctg ttnacctat catgttnata 780
 actnt 785

<210> 5017
 <211> 1425
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1425)
 <223> n = A,T,C or G

<400> 5017

cntnttaaaa	aaatattgaa	ggcctntgtt	gggaacccct	tnggggggnac	ccttgganca	60
tttttgggng	nncccnccct	naaaacnate	aagaaaaata	atgggnggggt	cttttnnggg	120
ggnnnnccrn	nnncannnan	ccnatnnaa	nnnnrannte	nnnnnnnnnn	attnnacata	180
nancnccnc	aanancnca	ccncttnncn	tnncnccctc	nnnnnnnnnt	nnacnennac	240
ntnnnaannc	acnannnnna	ntnnnnccna	ccnatnccn	atnccnccnn	ncannnancc	300
ancnancnnc	tnntanannn	nnnatncccc	nnnnntnta	nnctctecta	ctccatncna	360
cntncccnac	cnntccatct	naaacnannc	nnantnanct	ncnannctc	ncnncaaann	420
naatnnnnnc	cctccacaca	cantnnancc	tctacnnant	ccacnccann	ccnncntca	480
necccnacac	anncnntcc	naenccnnct	cannacttta	acannacnaa	cccncccatn	540
accnaccnc	ccccanncc	ncnccntnac	tnncancan	cannnnnncc	ccnactnnnc	600
necnactcna	accannann	tnntatnct	cnccnnnnnn	nnnncaaanc	nannnacncc	660
ncnnnctcat	ccannntnnc	cnennanann	tctnnnnnc	ctcaccannc	acncccnenn	720
acanactatc	tctatacnca	ccnccntnnn	nnnnnnnnnn	nnccancnca	nacanncnnn	780
actcctnnnn	tannnaaccc	cnncnacnnc	nnccnctnnn	accanacnnc	cnccnnnnaca	840
ntantacna	cnnnnccnac	nanancnnc	nnntccacnn	nnnnntntat	cnantnctct	900
nnctnnatnn	cncttctna	nnnannnccn	aacnnnncc	ccnncanctn	atacnantnn	960
nnactnannn	ncatnancan	anannnncc	atannacaca	cnntanacta	cnctacnatn	1020
cannnactnt	cnncannanc	tnncancana	nacnnnnnc	nnnnntcann	cnnnnanatc	1080
netcancann	ancnctnan	ntncanannn	tacnnncnt	nnnnanatt	cactcncnan	1140
nnatcactcn	cnnnnnctn	nnccccannn	nnccnnncnc	anactcnnta	cnntatactn	1200
ctncccttan	tnnnantct	ancnnnnctn	tcnctntct	netcantcnn	cnccactct	1260
ataccnctn	atntnncann	tnnnannnn	ctcctctncc	ctcnacctnc	ntccacancn	1320
cncactcnn	nataccnncn	cnantccatc	nacacnatca	ctctncaenc	acnctntcna	1380
ctactantnc	tctnaacta	canacccanc	ncnntnncc	ancct		1425

<210> 5018
 <211> 794
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(794)
 <223> n = A,T,C or G

<400> 5018

ggcccccnnn	ntttttttt	ttaaaaannc	cccctttaan	aacnnggaaa	aaaaaccnc	60
ctttttttgg	ggccctnaac	ctttnggcn	ttcctttttt	tttgggccc	gggggnaatc	120
ccccnatc	ccggnatttt	cccgaaaat	ttncggggg	ccaaccggaa	ggcccagggg	180
ggaacctggg	aatgggaagg	gggtnccttt	taaacaaaa	aaaaactntt	gttgggtngg	240
gnccannnna	nnnananana	nanannnnnn	nnaaaaatcc	cttaaaaaaa	accaaaaacc	300
aaaaccanaa	aaaaaaaaac	caaatttctt	tcatttccan	aaaaaaaatt	attctttang	360
gggacctgga	atattgggta	aattatgggt	caaantntaa	taatattttg	gggcattcct	420
tacattgctt	gcaagataaa	atgctgtgcc	aaaatttgat	tttatttgga	gacttcttat	480
caaaagtatg	tgcaaaggaa	gctaggatag	agtgtccatc	cttgttgagt	gnttctaaaa	540
tntnttctga	tgcatatttt	acttggtggg	gagagatgnc	cagctcctct	gtcttgataa	600
acttattgct	tgtnnccaa	ctttgtagaa	tggttttcgg	aaaatagaaa	tcntatagat	660
nagataatga	taatgttctt	attatattga	ctgcaatgca	ataaaatctt	tgntaaaaaa	720
aaaaaaactc	gccttaactt	agtgagcgtc	nanancgctg	aagacattgt	gagtggcacc	780
cactgatgng	gaan					794

<210> 5019
 <211> 957
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(957)
 <223> n = A,T,C or G

<400> 5019

gtnattctan	tnnancnctt	tcacnnaccn	ggtacccccc	ccgggtggaa	aatcgatggg	60
cccgcgcccn	ctctagaagn	cntnngtgng	tcacangntt	ntccccctat	ggcctcacaa	120
agtgcnnna	ttatacgcgt	naatccantg	ngnntggcct	anagtnnnag	tanncatgat	180
ttngcnntg	ttnnngtct	ggnttccaaa	ngnagnngac	ctagctgntn	atcaattntt	240
ntgagctaaa	ctgnntagnt	ccannncctn	ntgatantct	ccntnnanna	tcgaggatn	300
actagattaa	ctnggnaacn	nacanggatc	anatncactn	ataatanacn	nnatnaatna	360
nntcnacact	nattcnncctt	tnatgactca	gttnccnaaa	caannnactg	aaaacntnta	420
ttnttaaaag	nnntnecgnt	tnatgactca	gttnccnaaa	gctntatnnn	tattntgntg	480
tgttnnatatc	caanctnncn	nccnnnnent	tgtttgtnnt	gctcntnncn	gtttcaaana	540
gaataaanaa	nctnntnnnt	nnctaagana	nacattcntn	agctnactat	ncnntactcn	600
atnatnattn	tatgccaaana	ntgtagccnt	ccnnatntat	nnctaaaaan	ttnacgncta	660
tatannacng	naccttnnca	tanccggntn	taanncnggt	ntngatctcn	catnatntcc	720
tataaanngt	gtntatacgt	tnactcccaa	tcttnccnta	cgtgaaaacc	ntnttttctc	780
attnaatnaa	aaacggtgtc	taaaaanncg	aanntnaccc	ttgctgctct	tcacgnaat	840
ntatacnnta	tentatcgna	tnttanncat	agaatncntc	tcttaaagng	cngncaatna	900
cnnaccntnc	gncttatgnt	gntngattcc	ccctctntca	naannccca	aaanncc	957

<210> 5020
 <211> 808
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(808)
 <223> n = A,T,C or G

<400> 5020

gtnttctctt	caaatngctn	ggctacttgt	tctttttgca	ggatcccatc	gattcgngta	60
gccgacengc	tgctgtnncn	ggtgcttgnt	acgaacgttg	ccacnannct	gagantngtn	120
acnctaganc	tgnaaacntn	atngttnnct	gcttgnatna	ccnagnaggc	tnnnatactn	180
aagatngcaa	tnctgannaa	nctgcntna	tgtnccnnng	tctctnanta	ccagannntt	240
gannnnntac	tggnntatta	gatggctatt	atctctaaat	tcnggatgcc	tacctggctt	300
ataacctnaa	ngaattnact	ggagnactcn	tntatgatnt	tctgcccacc	tgtgatnnta	360
cccatgaaca	cgctntggat	actgngaaat	atcggatnta	ntgccatcct	gcttnatgga	420
cntntnactn	agantaagcg	cntaagannc	nttaataagt	ttaaggccan	ngccnnntnn	480
attcttctag	naactgncat	tgccaangcn	aggtcaggac	atacctnatg	tagatgatgg	540
atggtcaact	aatgacatnc	ctgacccatt	ccangngatc	accntccatt	ngaattgggt	600
cctagccang	atttgaagct	tgggcgctta	cggganaang	ncncttactn	tttggttaan	660
acaagttttg	annggttggg	naanttttta	acaaacgcca	tttggaacac	ttttaattgg	720
gngaataaaa	cttcccccg	gtnttgggaa	aacncggatt	gntgaaaggg	taatgaatgg	780
gtnnccctgga	acggnggtaa	ntttggaa				808

<210> 5021
 <211> 788

<212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(788)
 <223> n = A,T,C or G

<400> 5021
 ctttaannaat ncntttatcgc ttggetactc gttctttctg caggatccca tgcgattcga 60
 attcggcacg aggtactntg agtgtttggg ggtnnnncac acacatgcaa ttntgcttaa 120
 caaaagtatt ntataatata gnttcataca gaattacctt aaaagggagt cttatgtttt 180
 caactacaga tagttgtaag ggatcataca gaagatattg atgatagttg aaatattctt 240
 agaaggggtg tgtatgtcta gctgtgtcta ccatgtgtat gtattcttga cnagcagtat 300
 aaaatacctg tgatttttct ttacattagg gataatgcat aaggaattaa tcttcataata 360
 tattatcacc cctaattgtag catggggaag tattaattg cccatgatat gtattttact 420
 tatactatgc catanaggaa actataaagt gattacacat gtaatcttgg gtttttcaca 480
 tatgtaggta ttcattttga gcaagggtga aagaacanaa naaatattta aatgaattga 540
 attcctgatg ggatagttac aataagtatt taaaanccna gtattctnaa aatattcagg 600
 ggtanggggc atttttgagt ttgggnnttc ttttnogaat gggtaaatat ttcaaaaattt 660
 aaanggggta caattgggtn nccgtnggn cctnaaaggc cttttatttg gggnaaccag 720
 ccnttngaa tnnatngaac caaggggggt ttagccaatt gccaaactcc tataanttga 780
 ttttngcc 788

<210> 5022
 <211> 704
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(704)
 <223> n = A,T,C or G

<400> 5022
 gnnctaattg nnggctatcg aactnccgna nanaacngnc ntncgaattc ggcacgagag 60
 gttgctcacc tgaaggagca caggagggtt ttccaggcca tgtggctcag ctteectcaag 120
 cacaagctgc cctcagcct ctacaagaag gtgctgctga ttgtgcatga cgccatcctg 180
 ccgcagctgg cgcagcccac gctcatgac gacttcctca cccgcgcctg cgacctcggg 240
 ggggccctca gcctcttggc cttgaacggg ctgttcacat tgattcacaa acacaacctg 300
 gagtacctg acttctaccg gaagctctac ggccctcttg acccctctgt ctttcacgtc 360
 aagtaccgag cccgcttctt ccacctggct gacctcttcc tgtcctctcc ccacctcccc 420
 gcctacctgg tggccgcctt cgccaagcgg ctggcccgcc tggccctgac ggctccccct 480
 gaggcctgc tcatggctct gcctttcatc tgtaacctgc tgcgcgggca cctgacctgc 540
 cgggtcctcg tgcacctcc acacggccct gagttggacg ccgacccta cgacctgga 600
 gaggaggacc cagcccagag ccgggccttg gaaaagctcc cttgtgggag cttcaggccc 660
 ttcagcgcca ctaccacct gaggtgtcca aaagcccgca gcgn 704

<210> 5023
 <211> 729
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(729)

<223> n = A,T,C or G

<400> 5023

```

gnnnnnnnnnn nntttgttnc taatngcngg gtggctcgnn ctttcncgca nnagcnnngc      60
ngtgtcgaat  tgggcacgag atttcaattc atagcaaact ggtgttttaa actattgcag      120
tagctggaac  tttttagtgt aaccagcatt tattggagaa gtgaatcaca aggaaataaa      180
gatgagtaaa  agcaaagatg atgctcctca cgaactggag agccagttaa tcttacgtct      240
gcctccagaa  tatgcctcta ctgtgagaag ggcagtacag tctggtcatt tcaacctcaa      300
ggacagactg  acaattgagt tacatcctga tgggcgtcat ggaatcgtca gagtggaccg      360
tgttccattg  gcctcaaaaat tagtagacct gccctgtgtt atggaaaagct tgaaaaccat      420
tgataaaaaa  actttttaca agacagctga tatctgtcag atgcttgtat ccacagttga      480
tggatgcttc  tctcctcctg tggaggagcc agttgctagc actgatccta aagcaagcaa      540
gaaaaaggat  aaggacaaaag agaaaaagtt tatctggaac cacggaatta ctctgcctct      600
aaagaatgtc  aggaagagaa ggttcoggaa gacagcaaag aagaaatata ttgaatctcc      660
agatgttgaa  aaagaagtga aacgattgct gagtacagat gctgaagctg ttagtactcg      720
gtgggaaan

```

<210> 5024

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5024

```

gtnnctaata gngggctant cgttctttcc gcagganccc ntogantcga attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcttgg      240
tgcccttggg atcgactggg ttttaatggc ctagtatttt gaggattttg ctgtgttggt      300
ttccatgtct tctctgggtc ctttggatta tatataaaaa tacaggaaat agataaacat      360
gaatgtgatt aataatgctg aaaaagtatt agcctaccaa agacacactc aggcctttagt      420
gaataacttt acataacctc agtttttaac acatgcatac cttctccaac catgaaatca      480
aagcagcgtg cagaacttgt accaagtaca aaagggtccat gtatgattag cattattttc      540
ttttgctttt gtttatggac aatgttcagc tgacataagc agaagttggc caaaatactg      600
cctgtactgt taatttctct tataattcac tttaaataaaa gcagggttaac ctcaatgata      660
gcagttaaaa tgttctatct tatgtatttc ttttaagtat taccaa      706

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<210> 5025

<211> 706

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(706)

<223> n = A,T,C or G

<400> 5025

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gtnnctaata gngggctant cgttctttcc gcagganccc ntogantcga attcggcacg      60
agctctatct tgtttattgt tgatgccatc ttagaggaaa aaatgtaaag gtaagtaatt      120
aagcatatga cagcaacaaa taagatactt ataacctaat gggactttat tttgtagttt      180
tatgtattac aaaaaatcca cttttctcta aggggaagtt tgtaccccat tgattcttgg      240

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tgcctttggg	atcgactggg	ttttaatggc	ctagttatct	gaggattttg	ctgtgttgtt	300
ttccatgtct	tctctgggca	ccttggatta	tatataaaaa	tacaggaaat	agataaacat	360
gaatgtgatt	aataatgctg	aaaaagtatt	agcctaccaa	agacacactc	aggcttttagt	420
gaataacttt	acataacctc	agtttttaac	acatgcatat	cttctccaac	catgaaatca	480
aagcacgggtg	cagaacttgt	accaagtaca	aaagggtccat	gtatgattag	cattattttc	540
ttttgctttt	gtttatggac	aatgttcagc	tgacataagc	agaagttggc	caaaatactg	600
cctgtactgt	taattttcctg	tataattcac	ttaaataaaa	gcagggttaac	ctcaatgata	660
gcagttaaaa	tgttctatct	tatgtatttc	ttttaagtat	taccaa		706

<210> 5026

<211> 968

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (968)

<223> n = A,T,C or G

<400> 5026

gtaccaatgc	tttgctactn	gttcttttctg	caggatccca	tcgattcgaa	ttcggcacga	60
ggcggacacc	aagtctggac	caacctccgc	tgcgtttctt	actcanagaa	acatcnnggg	120
cgnggttaan	acacggnatn	acnggaagca	nganncnng	cancagcnna	gnntgggggtc	180
ctggcncctgc	nnctangcc	aggatgncca	tcccnccctt	tanactgtcc	cttgnnggctt	240
gtgctnntna	aantggtnnc	ngtnagcnc	gcengnttnc	entattatnc	ccacnctnng	300
cttctnaatn	ctttatgntc	cntntnana	naccttncct	tactgtancc	catcttncctn	360
tnaatnntt	ttcanggate	tntnatattn	tnttncaaan	tcncnatan	tnantnatta	420
ngtntnngan	ttncattcat	attaanttnn	antncattnn	nctngttnan	nnttnttctt	480
tctnnnnngn	ttncnnnttc	ttataatnng	taatttantt	nctnnttate	tacttnttan	540
ttctttcaat	cttnaatntt	ntttacatnn	nctnctcate	cgntnttaacn	nntntcattn	600
ttaaactctac	ctttctentt	ctgtnntaac	ttactnatna	tcncttccng	ttntttatat	660
ntnattcnct	ctnctcataa	ancatctctn	netctcnena	ttcttgactt	tcnctctecn	720
tctcttatat	ctctcgtctc	ctcncaatat	ntctctatcc	ctctntcttt	cacattctta	780
ttntcnate	nttcggntnn	tctnctnttt	ctctctnaca	entctetanac	ttctatnant	840
cttcaactcat	nnctntntnn	nntcnacatc	ttacnnnnng	tgcttnttan	anntttannt	900
acatanenta	ntcctctaat	ctatatntca	tannactcta	ttgcttntnt	tctcnnaate	960
acacnanc						968

<210> 5027

<211> 782

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (782)

<223> n = A,T,C or G

<400> 5027

gnnnnttnnn	nnttttttgg	gtcttneget	tggtcttntt	gcaggatccc	atcgattcga	60
attcggcacg	agggatcact	tgagcccagg	agtttaagtc	tgtattactg	gaaaggggtc	120
ccaatccaga	tcccaaacaa	gggttcttag	atctcacaca	agaaataatt	cagggagcgt	180
ctataaagtg	aaagtaagtt	tactaagaaa	gtagaagaat	aaaaaatggc	tactccacag	240
gcagagcagc	tccttggggc	tgctggggtg	cccattttta	tggntatttc	ttgattatgt	300
gctgaagaag	gggtgggtta	ttcatacctt	ccctttttta	aatcatatag	ggtaccttnc	360
tggcattgcc	atggcatttg	taaactgtca	cgggtgcttg	gtgaaaagtc	nacanttgag	420

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ggccaaacca aggncaactct nattggccat ctttgggttt tgggtgggatt cttaccnngn 480
tttntttact gcaagctggg tttatcatca aggnctttat ganctgnatc ttgggctgan 540
ctccgatctc aatctgncat cttaaaacgn ctactgtct nggatngtaa ccccaatagg 600
tctnaaacct tantttaccc caacttctat ttcaagatgg aatttgctct tgggttcaaa 660
atgcctntt gacaagcanc cagtnaacct nttcancata cccacttggg ntttcaance 720
tggggtggac aaaaaccaat taccctntt tttaaaaaaa aaaaaaannn nnnnnnaaan 780
na 782

```

<210> 5028

<211> 806

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (806)

<223> n = A,T,C or G

<400> 5028

```

gnnnntnnnn tttttaangg ctttggttg tcntcttagg atcccatcga ttogaattcg 60
gcacgagtga acttggtcat tttgttttgn ttgggaggaa aataaacaat tttacttttt 120
tccttttagg gcattatgag cattatgtca gaatagaata gaattggggg tcatcttaa 180
caggccagaa atgcctgggt ttttttgggt tgtttttgtt tttgtttttt tatcaaatec 240
tgctgactg tctgcttgtt ttgctacca tctgacatc tncatggctg tccacctgt 300
cgggtagctt atcagactga tgttgactgg tgaatctcat gggacaccaa tonaanggt 360
gctgacattt tgggatcttt cantntganc attcanatcc aaggtctcan ttaaaccattc 420
ccngcatcat tgnttataat cngaaactct gggccttctg tctggngggc taaaagctt 480
ttgggccata atgcaacaat tattgaagga ggattttatt ggagaaatgg gggataggcc 540
ttcatggacc ccccaattaa ttaaaggaaa aactnaactg cantgggggg gttttgnaaa 600
aagggtattt antaccttct ttaaacnaat tctttttttt tttcanggga cttttttcta 660
agcctggnat tgnaccgggt aacntttgga accctttctt tttggaaaaa aaccattttt 720
cccnaaaaa agggccctt aattttttta aaaatgggaa ttaaacntt tttaancccn 780
aacnttaaa antttttttt ttttnn 806

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<210> 5029

<211> 716

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (716)

<223> n = A,T,C or G

<400> 5029

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tgntnttcta atgctggnnn ctcttggtct ttttgcagga tcccatcgat tcgaattcgg 60
cacgaggagc tcagagcctg ggaaggaggc cgtatgcag ggtagcactg ggaacaggag 120
accacactga ggctcagccc tagcctcag cccacctggg gagtttacta cctggggacc 180
ccccctgccc atgctccag ctacaaaaca attcaattgc tttttttttt ggtccaaaat 240
aaaacctcag ctagctctgc caatgtcaaa aaaaaaaaaa aaaaaaaact cgaggcctct 300
agaactatag tgagtcgtat tacgtagatc cagacatgat aagatacatt gatgagtttg 360
gacaaaccac aactagaatg cagtgaaaaa aatgctttat ttgtgaaatt tgtgatgcta 420
ttgctttatt tgtaaccatt ataagctgca ataaacaagt taacaacaac aattgcattc 480
attttatgtt tcagggttcag ggggaggtgt gggaggtttt ttaattcgcg gccgcggcgc 540
caatgcattg ggcccgttac ccagcttttg ttccctttag tgagggttaa ttgcgcgctt 600
ggcgtaatca tggatcatgc tgtttcctgt gtgaaattgg tatccgtcac aattccacac 660

```

aacatacagag ccgggagcat aaagtgtaaa gcctgggggtg cetaatgagt gancta

716

<210> 5030
 <211> 1206
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(1206)
 <223> n = A,T,C or G

<400> 5030
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 cangaaccnn ttttgcnaaa aaccccnttt ggncnaana nnaccnngn nnancgncet 120
 accnacnca anccnnncn acnccanng ganccnanac accgncntc nntntaccan 180
 actanactnc ncntaaacna cacnaancg cacnnacanc acccacgta tggtaacnn 240
 nccangcacg agcacancac nncnaanagc ncgccactaa cggggcgggg cnacncgata 300
 canannnacc nagnaancnn acaacanacn ctacacnca cnaacaannc nccagntncn 360
 aanccgccag acnccccann tcangnacia cccccccac accaccaga nnagaccacn 420
 tccccnnnca ccaccnaac nannnaaacn accctncatc angaaccncc caannncnnc 480
 cnacncacc nacnncccc canncacng ncnanccnaa nagacacca cccccacacc 540
 ctncncnca anaacacntn acaccaccan ancacaacia naaccntncn ccannacnnc 600
 nanannnnnc cacacnccc nancccnctn nccaanccac accnncnnc nccnacnca 660
 ancacncccn anctncactc nacancanca cnancccaa tancacacca nccaccacca 720
 aannccactc acacncanac tatacageng acnnnaanca cctcanancc nnnccnccnn 780
 cnacnccctc ncnccacca nanenacaga ctcanctncc agcannacc nncgccnnc 840
 tnnctcnnnn acanacnca tnagcanccc ncancgnnca caccncacca ccnnacancc 900
 aatnccacc cacatccnnc cncnccctc atancaannc cccaanccga ccgactncan 960
 ctngctcacg canacatcnc gncgncntn cnacactanc nacnncacc tnactctnac 1020
 nategcance atcgntccnc ncnanacaca nncnnannng annatncnnc cctccacata 1080
 ccactacanc atnacngcnn cennnatcnn nacatcnacy ccaancncca cacgaaccnc 1140
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 tncgcc 1206

<210> 5031
 <211> 750
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1)...(750)
 <223> n = A,T,C or G

<400> 5031
 gagnnngnnn ttngnnnagn nnnnnngggn nnttnnaaag ncagctcttg ttctttttgc 60
 aggateccat cgattcgaga gttttttttt tttttttttt tatatatact gcaattttat 120
 ttcaatcgca caaacgaagt tagcatgtag gaaacttaaa tgaaacaaat ttaaaccgaaa 180
 tagttacggt aaaaatagca gaaaactgaa aattctaaaa aggaagtaca cctaaaagca 240
 tgagaattca acattcatta gtgtttcctc ttcatgtttg attgacactt gatgcttgca 300
 aatttttaaa caaactttta aatcatgatg actattctga agagatttca gcaccagcac 360
 taagatttgt acattcagtt tgtttgcaat tgacttgtga gccatttaca tagtggatag 420
 tacagacttg tcacaggtca gatcacagtg ttgaggaaaag cagtgccttc ctgtcattag 480
 aaaggatccc ctaaaactgtc tcagcttaag acatccaacg tacaagagca caaaaccatc 540
 ataataatgt ggttccaagg aacgtggtt tgataaggta aataacttag gcttctgttt 600

cccatTTTTaa	ttctgaaatc	tctaataatg	acacaactgt	catgtatgat	agcaaatgta	660
tataataatt	cattcagact	tcttggaag	aacatttagc	caatctggga	tgatgggaaa	720
tntagcatga	ttcaacactg	ggTTTTTTTT				750

<210> 5032
 <211> 820
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(820)
 <223> n = A,T,C or G

<400> 5032						
gtnttttNaat	ttccaaactct	tgtctttgCG	gaccctcgat	tcgaattcgg	cacgagggtg	60
ggtcctggct	tccttaaaga	taattggaag	acttcattgg	attgatagag	agaaactgcg	120
taattttcatt	ttagcatgtc	aagatgaaga	aacgggggga	tttgCagaca	ggccaggaga	180
taaggatga	aaaggatcca	ccatatctta	tttggaaattg	ctggattgca	cttttgggag	240
aagaacagat	taaacctgtt	aatcctgctt	ttgcatgcct	gaagaagtgc	ttcagagagt	300
gaatgttcag	cctgagctag	tgagctagat	tcattgaatt	gaaagttgca	tagtatagtt	360
ttgccatttt	aacattttctg	natttgaaag	tgcttatccg	aatctaaaag	tgactactgg	420
taatattttg	natattgggt	taaaattaatt	ttaataaatt	atataattat	acatattgga	480
aagcctctta	gaactatagt	gagtcCGtat	taccgtanaa	tcnnggacat	ggattaggat	540
accattggat	gaagtttttg	accaaaccCC	caacctngga	atgccaatgg	aaaaaaaaat	600
ggcttttaan	tttgnngaaa	attttgggga	aggcctattg	cctttNaatt	tggtaaaccC	660
nttttttaan	cctggccaat	ttaaaccCaa	ggtttNaacc	aanccaancc	naatttggcc	720
attncaatt	tttaaagggt	ttccaaggGg	ttccangggg	ggaaagggtt	tttgggaaag	780
ggTTTTTTTT	naaaatttCn	ccggggccCC	Cnnggngccc			820

<210> 5033
 <211> 826
 <212> DNA
 <213> Homo sapiens

 <220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 5033						
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tnnaCtnggc	ngaCnnngnn	tctgCnngc	cgttgannca	Cgnnttantn	Cnccaaangt	120
anatgatgtg	gtatCtnatg	tCnCNatCna	ngnttngaAn	aacCaaaatg	nCctnaCntc	180
gnaganacCn	tgtnCnAnt	nggnnatnCN	caattntcc	aggCntgann	nnCcntgcct	240
gnncnnCnag	ntaCnCanta	ggcCtaagca	gganactnnt	ttntacCCan	nangtgtagg	300
nnnnggtgac	CnnaNatCnn	gCtnCtgnac	tCnggnetgc	gtgacatagc	tagactCtgt	360
CtnanantCa	agccCtCaAA	gCtnGaacgt	nttataCana	CcCtgtgtNa	attCngangt	420
gaaacgCtgn	tgcCtaCtgn	aaatggggat	ttgggttagc	gatnaNatag	gCtaaaatCac	480
ntntnataC	gtgatCctng	ngtananttc	tgcCcgaaatn	ggtngtaCgc	ntatannaAn	540
atanttCntt	gttngatanc	atCtCtCtaC	Cntananttt	CtnGaaaaan	aaagtttggn	600
ttttgaCnAn	CaCtnnCaCn	atggnnntng	gttgggtgCc	tgcCtgcCtg	gtttgNaatt	660
tnnagccCcn	taanaanact	tnntnnngnt	nCtggaaatan	Ccgtnnnatt	Ccnngacatc	720
attnntagCn	tCnttgtntt	naantggggg	nnannacCna	nttgTTTTna	attCngantn	780
aangaaaaat	gCccntnttt	nnCgaaatnt	ttttgtggnc	Ctttnc		826

<210> 5034
 <211> 826
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(826)
 <223> n = A,T,C or G

<400> 5034

nnctngnngt	tetaatgctt	ggngnncttg	ntcgetggat	nggatentnt	cgttgccttg	60
tnnactnggc	nngaennngn	tctgcncngc	cgttgannca	cgnnntantn	cnccaaangt	120
anatgatgtg	gtatctnatg	tcnchnatcna	ngnttngaana	aacccaaaatg	ncctnaentc	180
gnaganaccn	tgtcnchnant	nggnnatncn	caattnttcc	aggcntgann	nnccttgect	240
gnnchnnag	ntachncanta	ggcctaagca	gganactnnt	ttntacccan	nangtgtagg	300
nnnnggtgac	ccnanatcnn	gctnctgnac	tcnggngctgc	gtgacatagc	tagactctgt	360
ctnanantca	agccctcaaa	gctngaacgt	nttatacana	ccctgtgtna	attcngangt	420
gaaacgctgn	tgcctactgn	aaatggggat	ttgggttagc	gatnanatag	gctaaatcac	480
ntntnatac	gtgatectng	ngtananttc	tgcccgaatn	ggtngtacgc	ntatannaan	540
atanttcntt	gttngatanc	atcttctctac	cntananttt	ctngaaaaan	aaagtttggn	600
ttttgacnan	cactnnacn	atgggnntng	gttgggtgcc	tgcttgcttg	gtttgnaatt	660
tnnagcccn	taanaanact	tnttnngngt	nctggaatan	ccgtnnnatt	ccnngacatc	720
attnttagcn	tcnttgnttt	naantggggg	nnannaccna	nttgttttna	attcngantn	780
aangaaaaat	gccctntttt	nncgaaatnt	ttttgtggnc	ctttnc		826

<210> 5035
 <211> 848
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(848)
 <223> n = A,T,C or G

<400> 5035

gnnnnnnnan	atcagctcct	tggtcttttt	gcaggcagga	tatccnacgc	taattctgca	60
cgcacgaggc	taaggttaca	nnagnatgng	ttnccttgat	nacaggtcac	tctcncaaga	120
tgcgctnnct	gcagtcagnt	gcataactng	tnaaannacc	nganatagna	ccanctttat	180
atgggtatgac	agtgtnnnca	gtgggagcaa	nggtggtcca	tagcctgcct	atnatatcac	240
cnatatctgt	gaacacactc	atngcagant	cagggncagc	natctgntna	atggacttgn	300
attatgtntg	naccntngct	tnctgtngac	ncngnntgag	cgcaactttc	cttanggacc	360
ttanggnacc	nnnntnaacn	tacttttncan	atgatggnnn	ttntgtcaat	cccggatngn	420
tncacggtnn	cnnatggcna	aagnncncnac	ctttatntna	cacgttgaca	ttactttacg	480
acnctagtca	cactnttgga	ctccattgtc	cacatncctg	ntntatgana	acnttaagggt	540
tttactttac	aananntnna	ccntggcntt	ncaaatgatn	nnccctgcng	acctttcatt	600
ngcaagggnc	ctanactttt	tgcattngaaa	aatttttaggt	aaagttgctt	ttccgctttt	660
agngcccttt	cctaggggta	ttaatttggg	tggggntcct	tnccctntac	tttcccttgg	720
gccccgnttt	ttcnccnttn	nggaaanccc	cccccttaat	tnnncccccg	tgntttttnc	780
ccncccnca	aaacccnggc	aaaattaaag	gggggggaaa	attgccccct	tnnttttaaag	840
cccgaagg						848

<210> 5036
 <211> 715
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(715)

<223> n = A,T,C or G

<400> 5036

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ngnnnnnttna  aanatacagc  tgttcttttt  gcaggatccc  atcgattcga  attcggcacg      60
agggctatta  aaaatgtaat  cagtgtgaaa  attcatgcc  tctgaatcgt  acgagtatgt     120
aagggatattg  agttccttac  agaattttct  gtaatttagt  acttcaagt  acttataaat     180
gtataacttt  ctctctcaca  aaagtgttag  gagaaggaaa  atcttaaata  ctagcttgat     240
ttcttaatttt  aataacaaaa  aacaattctc  ataacatgta  tcacctaaca  tgtaactttc     300
actttaaaag  tctaaagagt  tgagggtttat  ttcttttctt  ttaaagttga  tgtttatgtt     360
ggtgatttcg  aaaagatcag  atcccccggt  atgaaggatc  ttaaccttgt  ctttttagatc    420
tccatgagaa  atgcagtaca  tgtagcatta  gccatatttc  ttttttagag  gcctatgtag     480
gatatttata  acctgtaaaa  gtttgatgac  ttcagtctca  ggagaaagca  agtaattacc     540
tagccaagcc  aggtgggtgt  tcaggttagt  ggtaaacaga  aaggagatgt  tgaaagattt     600
catatctaaa  gggtaaaaac  acaagagaag  tatatagaga  taaacatgta  aagtataaga     660
ctgntacata  gtaagctcct  ncgaagtggc  agccattggt  attatttttc  tgcng           715
```

<210> 5037

<211> 758

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(758)

<223> n = A,T,C or G

<400> 5037

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tgtttttgat  cnagnnctct  tgttcttttt  gcaggatccc  atcgattcgc  ggcggtgtcg      60
gcagctgctg  tagcgaagag  agtttggcgc  gatgtctcac  accattttgc  tggtagagcc     120
taccaagagg  ccagaaggca  gaacttatgc  tgactacgaa  tctgtgaatg  aatgcatgga     180
aggtgtttgt  aaaatgtatg  aagaacatct  gaaaagaatg  aatcccaaca  gtccctctat     240
cacatatgac  atcagtcagt  tgtttgattt  catcgatgat  ctggcagacc  tcagctgcct     300
ggtttaccga  gctgataccc  agacatacca  gccttataac  aaagactgga  ttaaagagaa     360
gatctacgtg  ctccctcgtc  ggcaggccca  acaggctggg  aaataattgt  gttggaagca     420
ctgggggggt  tgggggtggc  ttggaacaca  ggtgtgtaca  gcgtgctgta  atggaaagtt     480
ttgnatcata  gtaatcctgt  ttccactttg  gtatctctac  ccagattgac  tgtattagat     540
gaaatgtgan  gatcttggtc  aatcggaaac  cccgtacctc  ctcttttctt  tctctttctt     600
tnmtttttac  ttaacatttt  atgatgattt  anatggaagt  ggtctttngn  acttaatgtt     660
ggttccagnc  cttaactgg  tcaaaattta  ctttttacan  tnacattctn  aacctttttt     720
aaanaagggg  ntgggggggt  gnaaatgcnn  nttaaccc           758
```

<210> 5038

<211> 1278

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1278)

<223> n = A,T,C or G

<400> 5038

tnttgggaang	tgtagnctttt	tttttgggaa	aaaaaaanccc	ccntttttttt	nggggggggaa	60
naggtntnecg	gggnntnttn	atancnaata	cncnattttt	tgaanaaaan	nacccttnt	120
canggggnaca	aatatnctaa	attnacatct	acatnnnaan	caaattatnt	ncatcnnatn	180
ggacncatan	tegacacacc	atnttntnt	ancacacgtn	naacatacat	ntccaccaen	240
ntnaanatac	ctctctctcc	anttnncann	caenncctt	ctnntaatac	antacancnn	300
gaacccccctn	tcgngggccc	natntatatn	anaaaancan	ctacccatan	atcacacnnt	360
ataatnatca	tncnncatac	ncannctcnn	annccaaatg	atgcaatnan	naccacanae	420
tncnntcaat	cccnccanaa	tnttaacncc	anancnngn	ttannncanc	atacncaanc	480
cacnaccana	tnctntcncn	naennnnenc	nenannannn	ccancacnnn	nannnnnnna	540
aannacannn	nannnnannca	tncttctnaa	tatanncan	anaannnnnc	anacnacaac	600
cactcnngac	tcttaaaactn	cntananaca	ctncantnnc	cccaagacac	anntncnnta	660
agatggacna	cctnntaaac	atcnacacct	agatcnatnn	nngnceccaa	netanaactn	720
tcaatccntc	cagcnaactt	caactnnnac	nacctnanna	aaatctnecg	acacnccnat	780
nncacctnac	ntannnaann	tacaccctn	ctatnanata	ctcacannnn	tnctntntta	840
tatcaannnt	ttntcantaa	aaaccacgtt	naatatcacc	naactcnct	atntcnaata	900
agtacgctca	cactanacan	acatatatat	ctacantttt	cncnnacnca	acancatng	960
cnacaggant	cnnccaccgt	anaacacctc	actatcaaaa	tngcnancgt	atcacnacng	1020
cnannagcca	tnccntacga	cntntgncaa	atcgaaacnc	ntntaacaan	anatnanatc	1080
tnctnnacat	cacaantcta	tatctanana	ctacnngnga	gggcanaaac	acattcccac	1140
nnnctanntg	tnccacnat	aaccgnaatc	nccnaaaca	catggnaana	tcccactan	1200
tcgnatccca	cnettcaca	cnaaganct	accacntac	gtanacnaan	gancttgggg	1260
tnnaaanata	cttncccc					1278

<210> 5039

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 5039

ngnnnnntttt	nnaanaccct	nnctacttgt	tcttttgcag	gatccatcga	ttcgtttttt	60
tttttttttt	tgactcttga	gtggatttta	tttttgcact	ccaggatgca	gtgaagacgg	120
tggaaaggttc	atcttcacac	cgagggccct	cagtgtcgag	gtgactcccg	gcctgaggag	180
ggctgaggca	tcttgaatct	tgagagttcg	aggttgaggt	ctaanaaggt	gtacgtgctg	240
taagtcatga	tgctgcaggt	tcttgttaggt	agtgttgtca	aacggctcaa	caggcactgg	300
ggctggctcc	tgtgtgcegc	ctcggtcgte	ccctgcgeng	ntgcactctn	catgggctcg	360
ccctnggcct	aanctttaac	gctgctggct	tttcatggaa	accnnggta	tttttcaaaa	420
gaactggctt	cnaattgctt	ggtggnatct	gatctttcac	gaatggctgt	ncaccttcaa	480
gtgggcttct	attcctgcgt	cctgaggttt	ctttnttggg	caagggaagg	ggcccccttg	540
cncttgggct	tttggcaccg	ggttttttnc	natgccccct	ttgncggccc	caagaagaac	600
ttggctttgc	aaacttgncc	ttntggttnt	tggncccttt	tttgcccaac	acaaacaagg	660
ccnccctggg	ctttgcccct	tcggnggggc	nccaaaacaa	anccctgaat	ttttgtgggtg	720
ggacaagggt	naangggtec	ccttttnaac	tttcaaaaan	gggctttttg	ggcttttctt	780
tttaaccnaa	tttcna					796

<210> 5040

<211> 1308

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(1308)
 <223> n = A,T,C or G

<400> 5040

ggcttnaaac	ctttgaacnc	gettattcng	cggtccannc	ttngnecngn	tacnggtang	60
gctgngnnta	ggcnttncat	tgcgangcng	nncccnngn	gnnncnngt	tgancnng	120
ngncngtntg	gntnagngnc	tacnaacttn	gaanecannc	gnnnnggcn	ttntgggccc	180
ccactgccnc	gaggnntcca	nnctctagtc	acccnngng	tacccttagc	nnctctggg	240
tcctctngca	ccnnntcnta	gaaaatnccc	nnnnnnann	gnctctctna	gtgggtaann	300
tcctgttnt	ccccccnnt	ggggnncttt	tngtgcgcac	atngcatcat	tacctntngn	360
nnagtcnta	cactnatann	tctggnnccn	naannancgt	atcgtnctnt	agtttctntt	420
gtgtcggnnc	tagnnannng	tntanacgca	tncttngnn	natgannct	ntcnngttn	480
atctctcatg	tngcnctcnn	agcnnacgct	ctctatnngt	ananncatct	cganatcncg	540
cantntaata	tnacgganana	tcgntcntnn	anntattnta	nnncnangca	cttctatgt	600
atatnagntg	cgtancgtnn	gannantnac	antgcgacta	tancatcngg	atagtncttn	660
acntcnana	tcctctgcna	tangtnctat	actcngtata	ngncnctcta	tatntaacan	720
agngtangtc	tntgcgtacc	tcncnngnan	tctannctnn	gggtattcat	natnncacnn	780
tntagtnaac	nttacnngt	gattnatnta	nccnnattcg	tgtnananga	canannctct	840
natncaangn	nntacgtatn	gcacatanct	atgantnncc	tagatngntc	gctcaactat	900
cggaanctc	tncataagnt	gtannttnan	antnatgtag	tctnccgttn	ntngaccgct	960
atntnnntcg	tancctacnc	atccacnnaa	gananntntt	ngtngnnntnn	ntatngctca	1020
aanntnggtg	ttctnaatcc	ccctctctnt	ttntntgnan	agtntgcnan	agttantcgg	1080
nnngtagcgc	nntntacccc	tatnggagag	gnttctnant	tatgcgacat	cncannnga	1140
nnngnaann	acggcngggg	gnttctcttc	tggaatntatn	ctctantctc	tngcacgnnc	1200
nnngcttnt	canatnaaat	accntgacnt	ntnggtgann	cattngnnac	naangcgctg	1260
tgagatagnn	ccnnttagat	aagtctatct	gtatgctnnc	nccanccc		1308

<210> 5041
 <211> 776
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(776)
 <223> n = A,T,C or G

<400> 5041

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ganccgtagc	attcattacc	tgtttattct	ctgctgcac	ttacagaaga	gtaaaactggt	120
gagagtttat	atgggtatat	atatatatat	atatnanatg	tatatatata	tatatngact	180
tgctacatga	agatgtaaaa	atcggttntt	aaaggngatg	taaatagaga	tttctnaat	240
gaaaaanaca	tatngagaat	tgntctaata	caacagaaaa	gccnnnga	ctctaaggnt	300
cctgtatatt	ccatgtataa	gtgnaaatat	aancagacag	ggntaaaagt	ggtgcatgta	360
tgtanacagt	tgcaagtctg	gacaaatgta	tanantaaac	cttnnattta	agntgggata	420
acctgctgca	tgaaaagtgc	atgggggacc	ctgtgcatct	gngcataatg	gcaaanngnc	480
ttanaagggc	cgancggaag	atcnatncng	acntgacngt	tgantatgta	ggagctgacg	540
acgaggggat	acagcggng	anagaatggg	catcganacc	aaggggctna	nagaagnttc	600
caatgggcgc	cacctttaaa	nntgnngatt	nacacaactc	cntncaggga	atngngttnn	660
nccannncng	acnttattcc	cagagtgtcc	cagtattagc	aatactggga	atataggcac	720
antaccaatc	atantnagaa	anntgggggg	tnaccccaac	ccaaatttga	ngcgan	776

<210> 5042
 <211> 1105
 <212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1105)

<223> n = A,T,C or G

<400> 5042

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ttcgaaaacn	ctncntnncg	atttnaaata	aaatnttttt	cntntttccn	ctgagganca	120
tnttgaagg	nccagnngnn	aaanaaataa	gnatnnnggg	ntcaaatect	ancaggetca	180
naaatgectg	nggtttnnnnt	nggttctntn	tngctntccn	ctcnnatata	anatectgcc	240
ntgacntggn	nnntctntnn	ntcgectnnc	catcnntgac	atcncncatg	gcattgtanca	300
acctntnncn	gntannnnnt	aaacnacact	tgnattgtct	gnantgttng	aaatnnaaca	360
atngcaaccn	cccantnnna	nngggcnngn	ccagnncaan	acttggnann	cttntcanna	420
tnatccnntn	cctntntncc	cncatngtta	ntcacttgta	taacatttca	nnncncganc	480
tttataatntg	nnttnttggn	anngnntann	tancntcncn	ngnanccann	tagagatnnt	540
ggtgcngnnc	tnccataaaa	nggtntctatt	tgctnncaacn	ntacatcagc	ctanctctna	600
atnttttagta	caggcnacgg	gaatatattcc	ncnngngnga	caaaaatattc	gcgngganat	660
nagnttnttt	tngnnncngg	taccccatcc	cgannattat	actnntnnat	angngatnta	720
aactctataa	agtcnatgtc	ananntantn	aggngagtct	nncttgnaaa	anaaangnng	780
ctcatgatct	ctcnnatnt	atnnnatcnc	tcnanncta	caatctntan	ccanttnacg	840
ngcnnnatta	nnngngggnc	anattncacg	tgctcnccta	agncccntgt	gtctananac	900
nganncntng	nantcaancg	cnanagnngc	acacnccgat	actaantntg	nacttccata	960
ccaattantn	atgtntcatn	ncccgacatt	aatnagggtc	nnaatttnta	naatcaatgt	1020
ctnnncacna	natecngcgt	attccaagnt	nataatntntn	aagnnaccnc	tctagencnn	1080
ananncaactt	tnngtcgtnt	angcc				1105

<210> 5043

<211> 759

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (759)

<223> n = A,T,C or G

<400> 5043

gtctaangna	ncagctactn	gttctttttg	caggatecca	togattcgaa	tnccggcacga	60
gcttccttgt	ataatactga	tcattctatt	ttagcggtaa	gaacccaaga	aggagtatgg	120
atacctgtaa	agctttctgg	tccttgggaa	gcctctcctt	ctgtgcatat	tattactgaa	180
attcttcaaa	agattctgag	atgctctcag	tgtttcattg	ctactttaat	tttaatcatt	240
atgggattga	ttgctgtcac	agctactgcc	gcggcanctg	gagttgcttt	gcatttcaca	300
gtncaaacag	cagactatgt	aaataattgg	cagaaaaatt	ctactttgct	gtggaattcc	360
caaactaata	tggaccagaa	actagcta	caaatcaatt	atctncaaca	aactgtaatg	420
tggctaggag	attgagtgt	tagtctagaa	tatagaatgc	anttacaatg	tgattggaat	480
acttctgatt	tttgcattac	tcctcatctg	tataatgaaa	gacagcatga	gtgggaaaga	540
gttaagaaac	atttgaaagg	tcatactgga	aattnacttt	agatattatg	caactgaagg	600
aacaaatatt	tcaatcttct	ctggcacatc	tgacactaat	gccagggaact	gaagtgtctg	660
aaggcgcttc	anatggataa	cagctattac	ccattaaaa	ggatcaggac	caannaaann	720
aaaaaaactc	cgagccttta	aactttgngg	agtcnnttc			759

<210> 5044

<211> 1444

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1444)

<223> n = A,T,C or G

<400> 5044

```

ctctcncncnc nnnncnnntc tctnnccntn nnnnnntnntn nnnctcnnnn cnnnatctnn      60
nnncnnctnn nnnnnentnn cntccntctc ttntntnget ctctntctc ntncatcttn      120
ccctattnt cntnnntntc nntctcnnn antnctnnnt tctnccnnn canctntcca      180
tnntntactn tcnntntct ggctntnta tntgggggggt ctattntntn ncttaaactg      240
actngttcca agtctcttan cngctctnt ctntctntct ntgcctnctn ctggggcctt      300
aattccccn gctntttan aagngngnaa ttaaggntc nntctannn ctntgcaagg      360
ctaagtnta gatccngnta gaanncgnta catgttggga acngacanct tctgcncaa      420
agngggctna ggcanngnn tntgcaaann ctcnntntc nnancttgnn tcnctagan      480
cggnncccc tgaattttn ancnngganc nttaaantnt ntngnggtac gannccnncn      540
ncgnnnnnnc gnnntanncc canngttaan tgcnccnna nnnantcaac tctntntcc      600
tnntnnaacn nnttantct annatntta cnnntnagnt tttctctct nacnctctg      660
tcttntntn atctntntc tctccttna tttntatct ntntntntc tncctnctc      720
tatctnctac nctctntcc ncttctccct nntctctct atcatatccc acgcnactna      780
nccccctnn ctcttacct nntnctctc tentatctc nnacctctt tctntntctt      840
atnncccta tctctactt attctctcc tattntncca ctacacctc ntntntctc      900
nctnntctn tctattntt actntcnct tctctnctc tctnntgnt cccacccct      960
cttctctct ctctctnnn nnnactact tccctctc nntntnct ctacnnntn      1020
ananctctt anttctctc tcatcact actctctcc ctcatntca nantaaant      1080
ntnctctca tctaccact tntnctccac tcatatnana ctctatant nctaatcta      1140
tcttctaaa cntctctct tctnctcta anctctctt cntcgctanc tcnntncaa      1200
ctcgnaaatc tctccaatc tccccactc taaaaatnc nctngant cccacttct      1260
ngngcanaat nnaacnctn tcnctctct ttagctatct ctctanaaac cccntttct      1320
aacaggnacc nccctntntc tcnaaactc catnctnct ctttatatnt cnccaagct      1380
cnctntgta anagcatct nctntcncc aatnnanct tccctnctc natanatnt      1440
anat
1444

```

<210> 5045

<211> 1027

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1027)

<223> n = A,T,C or G

<400> 5045

```

agngnttctt tcccccttt atttngaaaa annggcgcgc tnttctnana attggccact      60
tttctctggt ccnnggggaa tcccccaata cgcattntcg gnaaatgtgn cgggtcnacc      120
gatagtccca aaacctctgg ggccattgca aaaaggggnc cccangggnc gntcttacia      180
ngnattntn ttttataccc tnnntngngg gacannctgc cagntctaata cnaancgggt      240
gngattattn gggggngngc acccttngng cncnnataat atatnnggc tcnctatgtg      300
anggcncn ccatangnag tntatncc tccctataat tatctntc annccgaaca      360
antntatacn ngtngtatac nttgaatnaa gaatnccact nntatgctac gantatnnn      420
ntngctnnn ngntgntnt nntnaantc nntnactact tctnctgna cnaantant      480
cgnactnca cncctnctc tanatntgt anttnantc nnnnctcnc tngnnntcn      540
tnacngacn tanntnatn gnnanntaan anactnann taannannn nnnntntt      600
cntnttcta cgnctncta ncnncnacc nnnntcnnt nctanactct ntnnnann      660

```

```

nntantnnnt cncnnacnc tgatntatn cctcantatn nntnnttnt nntnnnnntn 720
ncgctrnacc atacnannac nacatnnnan nnetgatntc ncnntannc cncnnccat 780
tcnncatgnc ntntnnntat cctctcanan naanatntnt nntgannta cgtgtgatgt 840
ctnncctcncg annatacnc atctnncta ctagatacca cnannnctnt acnntnnac 900
ntntcnatat nnantatant ctncactnc ancnactct ngntntatct gangacacat 960
atntcnngat nacactgntc caantnaact cnagnnnnac canggtcctc gacnctatnc 1020
nnccccc 1027

```

```

<210> 5046
<211> 748
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (748)
<223> n = A,T,C or G

```

```

<400> 5046
ncntnttttc tctcnaatcg nttggtgttc tttntgcagg atcccatcga ttcgggtcta 60
cagtatgtag aagcagcaag ttagtattaa tgatgatggg accttggttg atgggtcgacc 120
aatagagtct ctgtccctga tagatgccgt aatgcctgat gtagtacaaa caagacaaca 180
agcttataga gataagcttg cacagcaaca ggcagcagct gctgcagctg ccgcagctgc 240
agccagccaa caaggatctg caaaaaatgg agaaaacaca gcaaattggg aggagaatgg 300
agcacatact atagcaaata atcatactga tatgatggaa gtggatggg atgttgaaat 360
ccctccta ataaagctgttg tgttgccggg ccatgaatct gaagttttta tctgtgcctg 420
gaaccctgtt agtgatctcc tagcatcagg gtctggagac tcaacagcaa gaatatggaa 480
tcttagtgag aacagcacca gtggctctac acagttagta cttagacatt gtatacgaga 540
aggagggcaa gatgttccaa gcaacaagga tgtcacatct ctagattgga atagtgaagg 600
taccttcta caactgggtc ctatgatggg tttgccagaa tatggactaa agatgggtacc 660
ttgctagcac cttagggcag cataaaggcc ctatattgca ttaaaatgga atacgaaagg 720
aaattcatnc taaatgctgg attnacaa 748

```

```

<210> 5047
<211> 825
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (825)
<223> n = A,T,C or G

```

```

<400> 5047
gnnnnnnnnn ttttnaaagn ccagctcttg tttttntgc aggatccctc gattcgaatt 60
cggcacgagc agaaaagtta ctgcagctta aacaggaaaa ccttcttgt tcaggactgt 120
catagccaca gtttgcaaaa agtgcagcta ttgattaatg caatgtagtg tcaattagat 180
gtacattcct ggnggtcttt tatctggtgg tagctttgtc ttttctttt tcttttcatt 240
acatcagggg atattgccct ggaaaattgn gggtagtggg acccaggaaa taaaaaaatt 300
aagggaattt ttaacttttc aatatttgng tagttcaagt tttctacatt ttaagtncca 360
gaaactttta caaaaatgcc agtttcgaaa ggtgtttcct tngngaagtt naccaagtta 420
aaggaagatc attgggtaaa ttactatttt tggnatggaa attttgctna aagtttactg 480
gtaaaggaaa cacctgctga ctttgcaagt ttaangggga atctattctt cccattttcc 540
aaacccatgg atatggaatg gggccctga ccatgtggga agaggaattg gataatttgg 600
ggtggtttgc natggggtgg ttttagatna attgggattg gggatattta aaattaacca 660
tttgngggaa nttnaatagg cttttnaaga atancnttn aaaatggnaa aaaaaaatct 720

```

tcnaaaaaatt tccaaaaaaa aaannnnnaa aaaacctcna nggncctttt aaaacttntt 780
 nnggaagtcc nnatttacct nnnaatnccc gacnttggat naaga 825

<210> 5048
 <211> 707
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(707)
 <223> n = A,T,C or G

<400> 5048
 cnaatgctgg tngctngttc tttttgcagg atcccatcga ttccggggcta gctgcacgc 60
 acgccaagat ggagctccag gctagcccac agaacagccc agccgcagcc gtccctaccag 120
 accagacact tgtaaccaca gtctaaccga gcggggacca ggcggtgaga cctcctgccg 180
 ctgccagccc aggatagccc ccttgccctc tgcccaaggc tcaggctacc ccttgaggcg 240
 tctggaggac actaggcttg acctggggag tggcatgatg gggggcaggg tccgaggcaa 300
 cggagaaggc agaagtgact tagattgtga gtgccacggg gctgaggcct gcgccgacct 360
 ggtctgctgg tgctaccagg cttgaacagt cttcaaatec actgctatta ggcaaattac 420
 ctggctcccc ctgaactcca gcacctagaa ctatgtcaca ctcgtagtag gccgctgcat 480
 tgggtgaaca aatgattttg aaagaatgaa tgtcttcttc tgtgcctgca tttcctcaga 540
 aggctgtaac aaagattaaa taggaaaatt cgtggaaagt tcaaaaaaaaa aaannnnnct 600
 aanantcatn nnannnnnang agnntnaaaa aaaaaaaact cgagcctnta aanctntagg 660
 gagnctgatt acgtanatcc agacatgata ngatncattg atgagtt 707

<210> 5049
 <211> 762
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(762)
 <223> n = A,T,C or G

<400> 5049
 ngntttttaa tcagctctng tctttttgcag gatccctcga ttccgaattcg gcacgagaga 60
 acacagggtgt cgtgaaaact acccctaaaa gccaaaatgg gaaaggaaaa gactcatatc 120
 aacattgtcg tcattggaca cgtagattcg ggcaagtcca ccactactgg ccatctgatc 180
 tataaatgcg gtggcatcga caaaagaacc attgaaaaat ttgagaagga ggctgctgag 240
 atgggaaaagg gctccttcaa gtatgcctgg gtcttgata aactgaaagc tgagcgtgaa 300
 cgtggtatca ccattgatat ctcccttgagg aaatttgaga ccancaagta ctatgtgact 360
 atcattgatg cccaggaca cagagacttt atcaaaaaca tgattacagg gacatctcag 420
 gctgactgtg ctgtcctgat tgttgctgct ggtgttggtg aatttgaagc tggatatctc 480
 aagaatgggc agaccgana gcatgccctt ctggcttaca cactgggtgt gaaacaacta 540
 attgtcgggtg ttaacaaaat ggattccact gagccacctt acagccagaa gagatatgaa 600
 ggaaattgtt aaagggaagtc agcacttaca ttaagaaaat tgggcttcaa ccccgacaca 660
 gtancatttg ngccaatttc tgggtggaat ggtgacacat gctggagcca agtgctaaca 720
 ttgccttggt tcaanggatg gaaagtcctc ntaaggatgg ca 762

<210> 5050
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5050

tgcttgctct	tggtctttat	gcaggatcct	anctcccnnt	ccnggnagga	ggnacagtt	60
actgactntc	ccgcagacgt	ggtgctcttt	gaagggatcc	tggggcagaa	tgaggtggac	120
tatnnccaga	agcaggtggt	catcctgagc	cangatagct	tctaccgtgt	ccttacctnc	180
nagcataagg	cctaagccct	gaanggccng	nncaactntn	accaccenga	tnnctntgnc	240
natgaactnn	ttctnantnc	actnanagna	atnactgatn	gnanagnngt	gengatnccn	300
gtgtatgact	atgntctnca	tnnccagnan	gtnccgatan	ctntccctga	tganaennnt	360
tgagganaca	gatnccgaca	cccgggtctn	acgcaaanta	ttaanggaca	tcagcganag	420
atgcagggat	cgttgaacac	tataacatcg	tcacttcatt	anatnnctnc	aagcntgcct	480
ttanangant	tctcctntgn	caacaacaga	tncttggtct	ntanaggatc	ntnncatnga	540
ggttccaat	agatactnng	tnggacaaac	ancctnatnt	gtgcaattnn	attccntnga	600
ccatccnttt	aatgggaaag	ggncnttnna	aacggggnaa	acccaattng	ttgncctaaa	660
aggggnataa	aaccnttttt	naaacnaggn	ntgtangnnc	ttcanaactt	gnnannaatt	720
atggccccca	ttttaaccct	ttaatggctt	ttngtcccc	g		761

<210> 5051
 <211> 847
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(847)
 <223> n = A,T,C or G

<400> 5051

nngtctatag	ctggtctctg	ctnttggtgt	gatncatga	ncccatnnan	nnnantnngn	60
cccngtgagg	nctntnat	gcaccatgtt	cgagtnangg	tccttttcta	aacatgntnt	120
aaaaatatan	atnccgatggc	ttatttataaa	tgtccctatg	catggngaaa	tgntaaatac	180
cangtggatg	antggttctn	nnntatattg	tgaatggaga	attatncaca	atgcatctat	240
atgtgtanac	taataatgta	naatatgctc	nctntntctg	ntctgtgnan	aatgtgtctt	300
aaaatnccct	gntngtgggt	agcatgggct	ggacagnnat	tgatttttcag	aaaaatgctt	360
ggctttttggg	ttnttgga	taggggaagcc	tgngcaaat	tatctcattt	gncaaaaanaa	420
anttatnttn	ancctatntg	aatgtatgct	atcttcanta	cgtttccatc	ttatgatnna	480
aggnntntcn	natttctant	ccaagacttc	gngcntanac	tgtcncagtn	gggcatttga	540
tgntctgtca	ccagtggaaa	cctgaacgga	aaggggctnn	aggaccnacc	ttattcctta	600
aggccctctg	agaaaaaccc	gttnanttgg	gctccttaga	actngctngc	nggggaaacc	660
tggaaaaaccc	ttgcccctng	tttttaaagg	ggngnncct	tgggtttccc	attngggngn	720
ctttaaaanaa	attttggggg	ccccnaccna	aaatttggcc	ccgggggattn	cnnctannntn	780
ggctngccct	tttaantcct	taanttaaaa	aggncctta	caattttggg	canttggggg	840
gnnaaaa						847

<210> 5052
 <211> 747
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(747)
 <223> n = A,T,C or G

<400> 5052

```

agagnnnnnn nttttnncta atggctgggg atagtctggn ctttttncag gtngccnanc      60
gantcgaatt nngcacgagg cttggatctt tgtcnaaacc ggttatgtat gtcaaggagg      120
agtttaagge ctttccgcac caccttgtgt atccctngcc tgencagcgc atgtatnacg      180
tggagttgct ccttaccaca ccttanntgc cctgagccc tatttntctag atttcttngt      240
gggctggaaa ccccgtnct ccaccagcat ntccattatc ccaaactttc tagnctgct      300
gatectanca nnaacggggt ggaaactgga gggcngcggt ctggcngttg tcnaagaaac      360
ttatganttc tattatnagt acaangangn taaaatgggn ccaatatntt ttactaanct      420
catgntatat ngagangaaa ctctatgat ctgnttcang aagggtggtta tngctnggcn      480
gttnacgggn tnnttanggn taccaaantn aactctgctn tcatacctta atctgactan      540
tcnagnattn ttagatgttt gggngnann atctcttaa aatnggnacc agggcntggc      600
ttcngnngan gcngtgntna ccaagtgaac tatatgngnt ctcatcannt gctntangcc      660
nactggaaac acntttgncc cgcaagnnnn gctgttgagt cgatgtactg cnttccatt      720
natggctaca nttgcttatn aggtngc      747

```

<210> 5053

<211> 1014

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1014)

<223> n = A,T,C or G

<400> 5053

```

gnnnnnnctg nnnntttaat cagctcttg ntcttngna ggancctcg attenaattc      60
ggcacgaggn nntgntcctt ntgnncncc cnngntggng anactnannt ggcttgcctt      120
nnnncgnacg cnngaagnaa cgggctctc acgcgcntnt gnattgtntg acangganca      180
tgnacctnct tacnnngcc atntgntnt ccaactgcnt gaanggctaa tectnggect      240
gctctcnan ngngtgnntg tggnaaang ngtttggttt aaaanncata nnaatnnect      300
tccatnatte agnctgtntt ttnacngggn anttnatnt caatncntnt agctgntnan      360
cnnccgcann gctcaattaa tncntgnact cttnattttc cctnccttg nanttgenat      420
cacattaatg cggatcaana tnggntttta tgaggaantt ntctcgactt attaaggnac      480
ccccaacctn gngctagtga tttttcaann ncatgnttgc angaaaaaaa ccttttcaaa      540
aaccttaatg gnaantttct ttgaggctta aanaataaaa tncctggggg gtttacttgg      600
ggggnccaa ggggggggga nttnaanntt tngccttctt tnttttgga accttttnan      660
ccttgggaa atggaatggg accctcccc cnttttttag gggtaaatec caaanggggc      720
ccttgnnngc ggncccnna aaangtgggg ganatcnaac cctggcttng ggggatttta      780
aaaaaatttt ttncaaaaaa attnggnntt ntttttttt cnnnnncnnn nnaatggggg      840
gaaatttttt ttttggggcc cnaaaattta aaccccggtt ttttctcca gggggnaaaa      900
aaaaaacct ttttttttt tccnnnnnn naaaaaatgg gggntttaac ccaaaaaann      960
cccggtngnn nnccttttna aancnccaaa aancnttttt tcccccgna nggg      1014

```

<210> 5054

<211> 762

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (762)

<223> n = A,T,C or G

<400> 5054

```

agagnnnnnn nnttnttnn ctacttaatt gcttggctac ttgttctttt tgcaggatcc      60

```

```

catcgattcg aattcggcac gaggcattnc ctgctnngaa cctngtntac taatttccac 120
tgcttttaag gccctgcact gaaaangcaa gctcaggcgc nggtggctgt tgtgacccaa 180
cctgcagtcg gtcnngncc ggcceccag aactncaact ggcaaacagg catgtgtgac 240
tgnttnanng actgcggagt ctgtctctnt ggnacatttt gtttcccggtg ccttggtgn 300
caagtngcnn ctinatatgan tgaatgctgn ctgngnngaa caagecngn antgaggact 360
ctntacagga cccgatatgg catccctgga tctatttng atgactatat ggcaactctn 420
tgctgtntct attgtactct ttgccaaatc aaganagata tcatcagang gagagccatg 480
cgtactttct aaaaactgat ggtgaaaagc tcttaccgaa gcaacaaaat tcagntgaca 540
cctcttnant tgagntcttc acnatctttt gcnactgaaa tatgatggat ntgcttaagt 600
acaactgatg gcatgaaaaa antcaaannt tttgatctat natnagatgg aatgggtgtg 660
ccttgacttt agcttaaatg ggngcaactt taggtttctt cttgctntca tattatccga 720
aatttctggt cttatnaact tttttnaaat taccatttgc aa 762

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<210> 5055

<211> 1024

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1024)

<223> n = A,T,C or G

<400> 5055

```

ntnnnnnangn ancnctttga aacgcctctc tngtangcgg atcccatcga ttcggtntgc 60
ananggcacn aggetgctgg gcctggaagn ccttttgggg ccactcgcta attctcatgt 120
gtngctccgg cccctccagc tgcagggtgg tgtggagttt gaggccagca caaggatgcn 180
ggacaccanc gtctccttcg ggtaccagct ggacctgccc aanccaacct gcttttcaaa 240
ggtaagggtc tnggtttccc tacgcgggaa acaggcagga agtgactcaa cttntgantg 300
ggatgtntgg gccaccacag gtgctggagg acagnagcn tgnccacct ntngggcctc 360
cacattaccc ggggaacact tgttaaaang taatgtgggg ccgggtgccc gtngctcac 420
gcctgtaat cccagcaact tttgggaagg ccaangcggg ccnaaggta atggggagaat 480
tgnagaccca tnnctgggtt taaacaccng gtggaaaact tccgttnttt taactnaaaa 540
aattncnatn nnaccnanaa atttaaaccc cnggatagtt ggggtttccn gggttgcct 600
aaattgggtg nccaaaacct tacntgnng ggnttttnaa gggnnccgggn aaaaaaaatn 660
gggttnattg aaanccncc angtaaaagg ctnggggaaac cttttggctc ggagtaaaaa 720
cccnanaaa aancecgtgg cncananc ccnggaaaatt tcnnaancc cctggggggg 780
ccgaaccnn tntnnnncca aanngaact ntccaatttt tttaaaaaaa ngnnnanann 840
annacnnata aaaangctct tggggtnngg gacaaaaaac cccctntttt nacctantgg 900
ggnnntaatt ggcctttggg gngaaanaaa aannanaana ntntnnnta taaaaaant 960
cggccttaa acnctttga gggntgagat ttnaaaaccc ccttngttta attatcccc 1020
gcct 1024

```

<210> 5056

<211> 822

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(822)

<223> n = A,T,C or G

<400> 5056

```

tnnnntnaaa cnnnnnnnn tnnntcctg aannanancn taannncana nanacnnnn 60
natnaaangn cttcnaact ggaaancttc nncgctcnag nagnaagacg ggaaccagn 120

```

gnctnacgag	cnagacaggt	nccaattagg	acntcatctg	gncnnetgtc	agncatcaat	180
gaggggcnca	atgactatag	cttggancac	agaccacaca	cnnngcgan	gntgcncggc	240
tngaagnatt	atncacanct	gcgnccccc	nggggcnagg	tgatggagna	taccaccatc	300
cttnggntgc	ncgagngga	atttgccagn	nangggaaat	ntcagngtgt	catctccaat	360
cactttgggtt	catcctactc	tgtcaaagcc	aagcttacng	taaatagnng	gggattaaan	420
gannnctttg	gcatttttaag	attccnaggg	gccanaaaaa	ngnanaaaacn	nntcnctcgg	480
naatgttanc	ccngnaggnt	ntnatngag	ntanccacct	gntcntttct	ttaccnacct	540
nannnnncac	agaatnaaga	tacttggtga	tctgtatnta	aacctgcnat	tatgggtgaa	600
nacgacaccg	nactcaattg	tggatgagta	acacaacana	tgaaccanac	ntgtanntgc	660
tcanttttng	accntttntc	nnttatnann	nagctgaggn	cggcaatctt	nnnantgggt	720
ncccaaaaag	gnttggaatg	annatcccn	gggttnmcaa	ntngannntt	gnaatatngn	780
agcnnaaatn	gnannttcaa	ncnnntnggg	agnaaaaaan	cg		822

<210> 5057

<211> 1103

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1103)

<223> n = A,T,C or G

<400> 5057

cggggaaaaa	ctcctncaaa	aaaancagan	nnacctnann	nnaggaggan	cccttaaaaa	60
aatatggagg	ccntttgngg	gggacccccc	ccaaaaacca	nccaagaaan	aantaagggg	120
ggncctttgg	ggggggggat	gaaaataang	gggggnnccn	tnnnggnggn	annnanncnn	180
nnnnnnnnnn	nannannana	nnnnnnncnc	nnnnnnnnana	aannnnnnncn	nnnnnnnnnc	240
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	300
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	360
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	420
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	480
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	540
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	600
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	660
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	720
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	780
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	840
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	900
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	960
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1020
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1080
nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	nnnnnnnnnn	1103

<210> 5058

<211> 761

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (761)

<223> n = A,T,C or G

<400> 5058

agagnnnnnn	nnttntnnct	actaatggct	tggtacttgc	ttctttntgc	aggaccatc	60
------------	------------	------------	------------	------------	-----------	----

gattcgaatt	cggcaccgagg	gnaaattgng	catnnnnntg	tttgengatg	gennenttan	120
ctattnnatt	aangcncntt	atactctgct	gcttaactng	cttgtaattg	caentnngtt	180
acctgcacat	tttcatatng	aatattgtgn	tancatngct	tantgtgngt	ctggatggaa	240
gatncntggg	cctacaggat	cattaatgac	atattgttta	tattacagta	ttatatctgt	300
gncatcagcn	gtaantncat	ttntttacaa	atanangcct	gttccatttg	aaanatatac	360
aagtgtgtgg	ncaaaaaggaa	gtatacccag	nancaagccc	atgangagtt	tcagcaagtg	420
ttcattcctg	antgcnatga	ctacngcgcc	tacagtang	tncagtgtca	cagctacacg	480
ggatactgnt	ggtgcgtcac	gcccacagg	aggcccatca	gcggcncctg	cntgncccac	540
aagacgcccc	ggtgcccggg	ttcctnaat	naaaagttnc	cccaacgcga	aggnacatga	600
aaaacagatg	atgccgtanc	ttcanngtnn	ganactcanc	cttaaggnga	ttaagaaaaat	660
tttgcatnaa	gtttaccctt	acccttttgg	aattgaacan	ggttaaaaaag	ttcccaataa	720
cnaaaaccca	ataaganttc	aatggcctcc	tntggancca	a		761

<210> 5059

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5059

gngnngnnnn	nnnnngnnnn	nnnnnnnnng	nagnnnnnnn	gaggnntttt	ngatacagct	60
cttggtcttt	ttgcaggacc	catcgattcg	atcantgtga	actcttaaan	catgcngaag	120
cnnctctagg	aagtngaat	ctgatacaag	ctgtgatgtt	gcctgangga	gangatctca	180
atgaatggat	tgctgtgaac	actgtgggat	ntcttnacca	gatcaacatg	ttatatggaa	240
ctattcagaa	ttntgcctga	ancaagcttg	tacagtcatg	tctgcanggn	ccagatatga	300
atatcactgn	canatggtac	taatattaaa	aagccaatca	aatggttctg	accaaatac	360
attgactntt	natgacttgg	gttcaagatc	agcttgatga	tgaaactctt	tttcttcta	420
agattgggtg	ccatttgccn	aaactttatg	tctgtgngca	nanactattc	taaagcgtct	480
gntcaggggt	gatgcccatn	tttatcacca	gcactttgan	tctgtgatgc	anctgcaata	540
ggaggcccac	ctcancacct	gctttaagca	ctttattgtc	tttgntcagg	agtttaatct	600
gggtgatagg	cgtgaactgg	caccttggtc	aagaattaat	anagaanctt	ggatcacaan	660
acngattaat	gtttntnta	gaacacagtt	ccccattgct	taatctattg	ntagactatc	720
tnattgctat	ctggtattng	actacg				746

<210> 5060

<211> 808

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(808)

<223> n = A,T,C or G

<400> 5060

agagnnttnn	ncnnctgaag	ccctntaaan	nggctgggta	ggctgtnctn	tctccangca	60
gccannngcg	nntcgaattc	ggcacgcagg	tagcgacntt	tnnagtangt	ggtgggcanc	120
tcaccgtggg	nacagttagc	ctntctatnc	ctngcntnct	ncaactccnc	gnantngeta	180
aanggctggc	nanaaagcat	gnaaaggact	ccgnaaaggc	cannacataa	cgngtatnc	240
nccgatctgc	anancagctc	ggntggcagt	gnccactngg	antcgtnnta	tgatcgacac	300
ctagagatga	tactggcgca	cncagcnttn	gtncaacgcn	ggctcaactt	ggcnacnant	360
gncacnggng	caggngnncc	tggagtacnt	nnccgnaagc	ngtgctnnga	ctnggcntgg	420

```

actgnntcan aagactnnta ngtaaaccgt atctccacnc gnatcntgca actatgctnc 480
ccttgganat gagnnancag antgtcatan aaangntaca antgcngata gtggnncant 540
cacananatg cacagngecc ntnttgncaa natnggacat cccaggaant gccagangat 600
canggangcn ttgaaatntt angactnnta antgtcncnc gcttgtnaca gagctgnttg 660
aaaggcagtc ggantgcate cctggngaaa gccacacaagt nntgacgttt tggggattng 720
natttgaanc aaaagcngaa gaactttaat taggattctn cnanccatcc cnaattgctg 780
ggaattcgaa atctttaacc acatggcc 808

```

```

<210> 5061
<211> 792
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(792)
<223> n = A,T,C or G

```

```

<400> 5061
taannatcag ctcttggttcn ttgaagcctg ctatnnncag ctacttggtc tttttgcagg 60
acccatcgat tcgaattcgg cacgagtgga aaangtttta tttntncact gnngttgncg 120
gttaataana tgggtgncaaa cgtgcncctgg tnacacactc gantatntnt ttangaaatg 180
ntnatgtggg natgattacc nttagatcaa tactttaaat aattttaccc nttttacaag 240
ggtaaccang ggcatactga aactttagaa cncctncngc aatnnncnatg ggggangttg 300
ggtgangctt nggatccctc ttttnngttt tgcacgntgn aanngangtt nccagntggc 360
atnttgaata tgctgctttc caaaaaccca ngaagtnta aaattgcttc ctggnccttag 420
aggactaana acaagaccct cattcccact ttcatttnca ctctagcaaa aactgggctt 480
gcgtanttct ccantactc gnntatatcc tcnttccatg tncaaaccct ncattcctaa 540
gnnggatttg cttactttng cccatccata tggcagnatn tntaatagct ttgnaccggt 600
attagatctt ggccttaggc ccangttcaa aacaagtgcc natctatgac cagggnccaa 660
anaaaaaana tccaggattt cgaangagan acnntncatt gggantnaag actcntacna 720
agtccttagc cnttttcata aaagcctggg cctctaattg ctgnnaccat ttttaanggga 780
canttatnaa an 792

```

```

<210> 5062
<211> 780
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(780)
<223> n = A,T,C or G

```

```

<400> 5062
tttnaaancc ntgggttnaat nctnnttgta anccttttta tgatacagct cttgttcttt 60
ttgcaggatc ccannnnncag gcttgaccca cgcgcccag cctgtaattt cttatacttn 120
gtatnttgta cttgtattat gcttctgata cgtataatn atttatgtac atgttttttt 180
nctncaatan actgggaact cttcgaatgt aggactnnta atgctagata ctcaattatt 240
ttntattaaa ttgaatgact ngaaactaca gatccttnat ntaaacttcc caaatattatg 300
ctgtatttaa ncngetcttn aaatctgggtc nntaangnga attntnaagg cttgggacat 360
gcacatgatg gntgtattgc caactgngaa aagggtgatgg nttactggag caggggcaag 420
gacacctggc cccgcccggg gcaaaaactg ntcaaccaca aacgatagca ggaaaaaggcc 480
tgtgncttnn gcaacantgt nttgctgcag ataatnncnc agagcctgnt tctctgntct 540
tnctgagatt gcttttggtc cataaangat tgttttagct aatctacaat ctatagaagc 600
aatgntanaa cttgggtttt tggantaaan ngnnnggggna aagnttngna atgtgggntg 660

```

```
tcaanntttt gaaaaaannc tnnatacnan caaaaanttna nccatttttna atnttttagng 720
gnggantant ttnatnnann nttntnagan actntgntga gtttgnaaaa acccaaantn 780
```

```
<210> 5063
<211> 762
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(762)
<223> n = A,T,C or G
```

```
<400> 5063
cgnnnctttt tgaacccatt tctcgttctg caggatcnna tcnattcgaa ttcggcacga 60
gggaacttac coattggggac taatntggaa aaggctctgtc catagtggnt ccctgaagac 120
tggaattact tcagcaaaac ttncccatga acagctaattg tgtanngaaa gantgancta 180
gcaaattgagt tttaccgggg acaaaaaaatc aagcanaana gtgaatgctt agaaccttct 240
caaagcantc acaagtacag acaacttcaact tagcctaggg ggcccttcag gggtcttctgtg 300
gctgntgtca gagcaggagc tgggggaggg aagacttggt ctctctttct tgaggggtgg 360
cattaggaac ttacgaaacc anagaccttt ccctatgact tggcagnatg tgaatatcct 420
ctacacttag ttattgataa acttctttaa gagatctgct attttcaggt agtgccataa 480
tctgcactta ncattggctt gcttcagttg ggccctcttc canccagtat gcccggtga 540
acttttcgagg ttgtcattaa gtaagtgtgt aaatttctgn aataacaaaag gcagtcnngn 600
attctttcct tttccnccaa attcctaagg caaaactttt ttatggngct ggtnacatgg 660
ggagtnacac aaccnnctga ctttttctca ttgccattgt aatgactgat gganaacccc 720
accnctggg atccaaatga caattgtgct gaaaaaccna tc 762
```

```
<210> 5064
<211> 763
<212> DNA
<213> Homo sapiens
```

```
<220>
<221> misc_feature
<222> (1)...(763)
<223> n = A,T,C or G
```

```
<400> 5064
gnnntttnnn atctgctact tgttcttttt gcaggatccc atcgattcga attcggcacg 60
anggtgactg cagttgacga aagcatgcc aagggtatgg ggacattgnt gggccacatt 120
ttggngacng acccngctg ttgactttgg gaccnatcc tttgannttt ggcntgccct 180
cntagnctt ggaattccct gttttccagc ccancecna tggatgtat attcnttaca 240
agtnctccna aagancannt gtctaggatg cggggagggg aggttccttc cntangggag 300
cgtgganaga agggagcagc cttgggggtg natntnngt natgcntcan attgggcatg 360
catgggatgg nanangggct cagccactnt cctncagaat ctccctnaga cctncaact 420
gcantatgta atnctactct gtncttcata naagggangg agccacatat gacattccag 480
ttctaagccc ancatggang aacangncta tgtcccata ngtgangtan aagtagaggg 540
cttcacctgn cagtatnctt gccgctactt cctcacataa ggaangacga agaagnaacc 600
nggacctgc ttnccatgg tgcantcagg aacanggttt tacgcagctg gccaaactntg 660
aggtntgct gnttttntct gtggncagtc caggaaatgc ttacaccacc ttttttccca 720
ctntnctc ttggattntg ggggnccnc aaaccggaat tnn 763
```

```
<210> 5065
<211> 762
<212> DNA
```

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(762)

<223> n = A,T,C or G

<400> 5065

```

cgnnnctttt tgaacccatt tctcgttctg caggatcnaa tcnattcgaa ttcggcacga      60
gggaacttac ccatggggac taatntggaa aaggctctgtc catagtggnt ccctgaagac      120
tggaattact tcagcaaaac ttncccatga acagctaata tgtaannгаа gantgancta      180
gcaaatagag tttaccgggg acaaaaaaatc aagcanaana gtgaatgctt agaaccttct      240
caaagcantc acaagtacag acacttcact tagcctaggg ggccctccag ggttcttgtg      300
gctgntgtca gagcaggagc tgggggaggg aagacttggt ctctctttct tgaggggtgg      360
cattaggaac ttacgaaacc anagaccttt ccctatgact tggcagnatg tgaatatcct      420
ctacacttag ttattgataa acttcttaaa gagatctgct attttcaggt agtgccataa      480
tctgcactta ncattggctt gcttcagttg ggccctcttc canccagtat gcccaggtga      540
actttcgagg ttgtcattaa gtaagttgtg aaatttctgn aataacaaag gcagtcnnng      600
attctttcct ttccnccaa attcctaagg caaaactttt ttatggngct ggtnacatgg      660
ggagtnacac aaccnctga ctttttctca ttgccattgt aatgactgat gganaacccc      720
accnctgggg atccaaatga caattgtgct gaaaaaccna tc                          762

```

<210> 5066

<211> 746

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(746)

<223> n = A,T,C or G

<400> 5066

```

agagnnnnnn tnttgtctac taatagntgg gttggntnnt tnttctncac gcannccagc      60
gnntcgaatt cggcacgagg tccatctttg tagctgacat gacacatttt aaaaatttca      120
cattaaaatg aaggcatcta atggctccat tatgtctttt agagtgggtc ggcccagcta      180
attgcatatt gaaatacatt agatttgtca taaattactt tcctttattg tcttttctgt      240
caatcttagg acattaaatg tatatgtttg aaatttgtgt taggtaggtt atctgagcat      300
ttggttcana tagtaaagag agtgttataa gttcactgta agccccaggg gctttgggac      360
tgatagggtt tagaacattg cactagggga aatgaattgt aaagtaatgt tntttctcta      420
gactaatgat tcagctgaat taatactttt aatgtgaagc atttttaag aaagcaaac      480
agcctgggtg ggtggctcac acctgtaac ccagcacttt gggaggcaga ngcgggcccgg      540
atcacgaggt caagagattg agaccatcct ggccaacatg gtgaaaccct gtctctacta      600
aaaatacaaa aattagctgg gcataatggt cntgectgta gtcccactac ttggganga      660
nangcaggag aattgcttgn acccgggana tgggaagtgc atgacccaaa tcggggccctg      720
nacttttacc tgcacanant gagant                                          746

```

<210> 5067

<211> 732

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(732)

<223> n = A,T,C or G

<400> 5067

gnnagnnnnn	nnngnnnnnt	tnagatacag	gctacttggt	ctttttgcag	gateccatcg	60
attcgcaagc	attcaagaaa	taatgggtgag	aatagcctgc	taatagcatt	atcccatatg	120
cagggttgatg	ccgccttacc	tttgacatc	ctaacctatg	aagagaagac	cttgtcagcc	180
atcttgagaa	tatgtagcag	tggtcttggtc	aaattgtgga	gctctttgac	cctggttagga	240
tcctataaag	gcaaaaaatg	tgctttccgg	gtgattcaag	ttctccatt	tctttctgca	300
ttatctggta	atagtaggga	actagtattg	gattgaatga	ataagtcttc	catttttgaa	360
acgttcaccc	actctcatat	ttattttttg	gtgcctgcat	gtttgaagac	tgaagcaggc	420
taaaagctct	tgatgaaatt	tgagggtgct	gaagatgttc	ccactaattt	ccagccatca	480
cctttgggtg	ggtgggcttc	ggaggacaag	tctgtctgaa	cctgccagtg	ctgacctgc	540
agcactttca	gcatatgcac	atcaaaagtt	ggagaccgcg	cctgaactta	nganggcctt	600
cacacagact	gatgtggcta	cccttctcag	aattaacagg	ggatgtcaat	cctttgcatt	660
tgaatgaana	ctttgcaaaa	cacaccaagt	ttgggaaatn	caattggnca	tgggaagttt	720
tgacaacgga	ct					732

<210> 5068

<211> 820

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (820)

<223> n = A,T,C or G

<400> 5068

gggntttata	tatcagctct	tggtcttttg	caggatcctt	cnatcggtan	nengnnegan	60
ctganttcgt	acnnagnnct	gctnntacct	gggctnaactg	gannnctcca	netacncagg	120
cagnaggatg	gnagctnaac	tnccangang	agcttgacaga	gnnccctgna	tcctgtccac	180
tgactccag	cctggcctna	cancanccgn	gaactnngnc	tnntaancct	aaaagnctcn	240
ttatcagcat	gcntcccat	ganagngtcc	tacatnctgn	gacattcacc	tatattccng	300
ggncctntta	attnncaacn	actgctctta	gangtcttag	nettttatgt	taattctnat	360
aaatnctnatt	gaatanatat	tatncccaaa	tcttagtggt	ngcatnttag	ctattnaanc	420
ctntcccaang	tangttaaag	gccaccgttt	tengatnaat	netnctnttt	atantcnatc	480
tggaataneg	catttctntg	agaataaaaag	anagtttntt	tnaanaatag	gatcttttng	540
ncctcteggn	ncgncccttn	tgncctntag	ctgctttggg	gcaantntga	agttgagnga	600
tennctntgt	agccctagga	atttccanan	ttgcnctgnt	gtnantggaa	cttctnancc	660
ttgtgcenaa	agnantnatn	ncctctntnn	tttttaaaaa	nnaattngtt	tcaaanctcg	720
ncctntnttn	aatagcttn	anatgnttat	anaccnnggn	cnaagttntn	caatcttnan	780
tcctcttnag	nntccnaatn	aatntaaant	ccttnaatng			820

<210> 5069

<211> 833

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (833)

<223> n = A,T,C or G

<400> 5069

nnnnnnnatn	atnnnnntnt	nnntntntn	nnnnnnntnt	ttnnnnntnt	ttgggtgaggt	60
naatcttctn	ttancctcca	nnntctgntc	tnnttgcant	ncngtccgat	tengataact	120
agtcaataag	gaacaggatc	aacggccact	ccacctatgg	caaaccaca	tgacgggnnt	180
ctncaccaag	gttccagcct	ncaaagtga	anacgcctng	gaacagcnag	ggaggtnaac	240

aataattnaa	nananagaan	ggaataacgg	cnnaagaaaa	ngaaaaanaga	ancgaaanaa	300
ctaangntng	aaaaccaccc	ggaaaactca	aggaatcaca	atcctaanaa	gccccaaaaag	360
ggacaggang	ctnancttga	ngctgggtggg	gaggaantcc	ctgaggccaa	tggtctnca	420
tggaananga	gcnagaataa	gaancanngc	aaggacancn	ccncttagga	atangcacgc	480
gttggcgcn	ggaaaacgaa	ncngangcac	tctgaanttt	aaacatatcc	tnagaaacaa	540
caanatnaag	cttccagaac	attctgaagg	gcnganaacc	agaataccat	naagctcctg	600
caaaaagtta	attnnnctgg	aagggaacta	ttaaancatt	ctnaaacaag	ccccaaacaa	660
tnaaataacc	ctcaaaaagc	taangaaaaa	agtttttntc	tantactaca	caggtgacca	720
gatttagcct	tnaccagatt	tccaaanaag	gaaactncct	tggttcattc	ttttaacaat	780
gaaaaattta	tctacntaaa	ncctttcctt	tttaantttt	tttaaaaagg	gng	833

<210> 5070

<211> 741

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (741)

<223> n = A,T,C or G

<400> 5070

agagnnnnnn	nnntttgtct	tntggctctt	aanaggcttg	gctacttggt	ctttttgcag	60
gatcccatcg	cttccaattc	ggcacgagga	gccctcttat	tgtatatact	gaacgcattt	120
ttaaattgaa	gagatactat	tctgtgtatc	tttgaggcgg	aatgagtcct	agggtggcca	180
gtgtctcact	agttgagatt	aaatTTTTgc	ttatacttgt	tgatttgact	gccttctgaa	240
tagtattagg	aacacattgt	aaatTTTgtg	ttgatggctg	gctgaagttt	tccagcacat	300
ttcttgaggt	tgccaagttc	ttctacaatg	actgaatcta	ctcttcattc	attctagtca	360
gcagtctcac	acttaattcc	aaggtttact	taagattttt	ttctgaaaaa	gcaatgcttg	420
ctttccatat	ttgcataatt	tttctctgcc	ttaatagcag	aaacaatggc	ttcatcttgc	480
atttgatatc	gattctttcc	attgatatat	cttgtcctta	ttagctagtt	gtttccact	540
gggtgcagtg	gcttatgcct	gtaatcccg	cactttggga	gggtcaaagg	ggaggattgc	600
ttgagcctag	gaattcaaga	ccagtctggg	caaaatagtg	agaccccatc	tgtcaaaatg	660
aaaaaaaaaa	aaaaaaactc	gacctntaaa	ctatagtgag	tcgattacgt	agatccagac	720
atgataagat	ncatggtgag	t				741

<210> 5071

<211> 760

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (760)

<223> n = A,T,C or G

<400> 5071

ntttttnaaa	acnacangct	ncttgtgcan	gatcccatcg	attcgaattc	ggcacgaggg	60
tggtctggnc	tgtngctgng	gtttcctgag	ttgctgctgc	tgcgggcgcg	gcagcggcgt	120
ctgtgcttgn	ggaggtgtcg	gcctntgggc	ggatgttgac	attgtgttgn	tgttatngct	180
gatggtaatg	gcnnccggcg	nggcnctga	cgggtccagac	cccatccact	ctgtagccgg	240
agccganaca	gccgacagcg	aactncnccg	cctcgnatcc	ggcagcgng	gngactnccc	300
tcagcctgcg	ccgcctnncc	cgncggtncc	cnngagccaa	ccnggggagt	cangnccnt	360
nnngcatggga	gctcgnaaag	tnangatggn	ngatttacac	aaaanctatg	atgaatagga	420
ggacnaggan	cgcccttgga	ggagcagctg	ctcaattact	caacggaccc	gggtggtcgt	480
ctcggatccg	gtcanntcan	cgtatnagga	ctgagcaaca	aatttgaatc	tgaattgcct	540

```

anttcattaa ctggaaaant cactcctgaa gaatttaaag ccngcattaa cattantnac      600
aagttggatt aanaaaaaacc ttctgtaaat gtccgttntc ncttagngga ngccttnnat      660
tgctgctgcc attangtnen ntctgtggcc agtnnttggc tnaattaaag aacnctaaaa      720
ngttgagnat ttantagaat gggaaaaancc atccgttnnt                                760

```

```

<210> 5072
<211> 742
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(742)
<223> n = A,T,C or G

```

```

<400> 5072
gntttactna tatcagctct tgttcttttt gcaggatccc atcgattcga attcggcacg      60
aggaccgcca attctaagat tgtagtggta actgcaggag tccgtcagca agaagggggag      120
agtcgggtca atctgggtgca gagaaatggt aatgtcttca aattcattat tctctcanatc      180
gtcaagtaca gtcttgattg catcataatt gtgggtttcca acccagtggga cattctttacg      240
tatgttacct ggaaactaag tggattaccc aaacaccgcg tgattggaag tggatgtaat      300
ctggattctg ctagatttct ctacettatg gctgaaaaac ttggcattca tcccagcagc      360
tgccatggat ggattttggg ggaacatggc nactcaagtg tggctgtgtg gagtgggtgtn      420
aatgtggcag gtgtttntct ccangaattg aatccagaaa tgggaactga caatgatagn      480
gaaaattgna aggaagtgca taagatgggt gttgaaagtg cctatgaagt catcaagcta      540
aaaggatata ccaactgggc tattggatta agtgtggctg atcttattga atccatgttg      600
aaaaatctat ncaaggattc atnctgttca acnatggtaa aaggggatgt ctggcattga      660
caatgaannt ttctgagcct tncatgtatn ctcatgccc ngnattaacc tcgtnttnac      720
ccnaacctan ggatgatagg tt                                              742

```

```

<210> 5073
<211> 732
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1)...(732)
<223> n = A,T,C or G

```

```

<400> 5073
gnnngnnnnn nnnngngnnt tttatatcta ctggctactt gttctttttg caggatccca      60
tcgattcgaa ttcggcacga ggcccagag ggaacctcct ccgctggggg acgggaagcc      120
caccgacttt gaggatctgg aggacggaga ggacctgttc accagcactg tctccacct      180
agagtcaagt ccatcatctc cagaaccagc tagtcttctt gcagaagata ttagtgcaaa      240
ctccaatggc ccaaaaceca cagaagttgt attagatgat gacagagaag atctttttgc      300
agaagccaca gaagaagttt ctttggacag cctgaaagg gaacctatcc tatcctcgga      360
accttctcct gcagtcacac ctgtcactcc tactacactc attgtctcta gaattgaatc      420
aaagagtatg tctgtcccg tgatctttga tagatccagg gaagagattg aagaagaagc      480
aaatggagac atttttgaca tagaaattgg tgtatcagat ccagaaaaag ttgggtgatgg      540
catgaatgcc tatatggcat atagagtaac aacaaagaca tctcttttnc tgttcagtaa      600
gagtgaattt tcagtgaaaa gaagattcac gactttcttg gtttgccagc aaaattagca      660
gccaatattt acatgttggg tatattggng ccaccacttc cagaaaagag tttagtaggg      720
atgaccagg gc                                              732

```

```

<210> 5074

```

<211> 772
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (772)
 <223> n = A,T,C or G

<400> 5074

gnnttttctaa	ngcnngctnt	cttctgengc	tecnncnate	cgtgnntaca	cancacgncg	60
angnntntct	gactnttnnn	ctatgtaata	ngcaggngta	gttgnntntn	tgctgccatg	120
natgnatnna	catnncatgt	gcagtgctctn	acgtaatacn	ctccnatnaa	nctngttggn	180
cntactnntc	nncaacntgg	atatgncant	ttgnncagna	cnantgntgc	anattggaan	240
atgatggcct	nactcttactn	atgtgattgc	ctatatgncc	tctnnacctt	gaatacntnt	300
gntatnchna	ncanagtntc	aaaggatgnc	natnatagca	gcctctcttn	naaataagga	360
aacntccttg	aataatgtaa	aagcctcata	tacaataatg	aataataaag	aataatgtga	420
aggcttcatt	caagggtggn	gtttgccaga	tcattgcaac	aaaatgacag	agcanccaac	480
gtatttanga	tagtggccaa	agtattgtaa	tgatggctta	tggagtgtca	gctggataaa	540
gagtgaaaat	gactaaaaac	taatggattg	ttcagtcgaa	tagcanatgg	tcaatgggtca	600
tggccagtat	aataggggga	cccaaataa	aattggaaga	cccagtcana	agtggggant	660
tgatcaattc	canccaaaag	tggaatggg	caggggaatc	ggtaggcccc	anggttccaa	720
aatgtttacc	agnngncaat	ttgttggcc	ccatgggtgg	gaatccaang	gc	772

<210> 5075
 <211> 750
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (750)
 <223> n = A,T,C or G

<400> 5075

agagnnnnnn	tnnntcttat	cgcctaattg	ttggctactt	gttctttttg	caggatccca	60
tcgattcgct	gtgaagacct	ggaaacagac	aaaaaagagc	ttgccaaagt	ccagactgtc	120
cagctggatg	aagatatgca	agacttatga	actttatttc	ctcctcacct	ctttttggca	180
tcagcggcaa	atcttttcat	gaagccccc	ggacacaaaa	cattttccca	tttaaaggaa	240
aacactctag	ttttgcaagt	atatgcatac	aagagacttt	agattgatct	gcatgaagat	300
cacagttaag	tatacaggag	tagaactgca	ttattgcagc	ctttttgttc	acttataaat	360
ttctctttta	aatagatgga	gacaaaggac	aaggtgaaat	gtatcaagtc	aaagtgaatc	420
atttagttga	ctctataatt	ctaagggtcaa	aatggaaact	gatagttttt	taaattaaaa	480
aatgtatata	cctaacatag	aaaattaaag	atagctgcag	accatttagaa	ataatacaat	540
tgtttttgtt	tacttttact	ccatggggcat	tgaaaagggt	aagaaacata	aatgggtccat	600
attttttaag	ttaagtagca	tgcataatata	tatgcacaca	cacctctttt	tcagcatttt	660
ttgagaaagt	cttgggggtct	caaacacatt	tgtctcaaca	cattttccaaa	tgtggattct	720
aatagctcan	tgtggctgaa	aaagtgcna				750

<210> 5076
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1)...(761)

<223> n = A,T,C or G

<400> 5076

```

agngnnnnnnn ntntctnnnn ctactanctg nttggntggt gtttctgcan gcaggcnntc      60
gattctaatt ctgccgnaen cngagtaaaa gctggaaaat nacctataaa taatggcana      120
aaaaaagcta acaatangga agaggaacta tataaaagga acatttgagg catagaagag      180
agttcatgga aatgtnaaaa atgatggtac cctgggtttg atatagtaag taaaaaacta      240
agggttaagag ggtcatgaaa gcatctagaa gtaggagggg aagccagtca aattcacagg      300
atgaagtcag gaagataatn gagcagtgcc cgcaagatcc tgagggaaaag caagttccaa      360
tctataagtc tgtaaccctc acacctgatg gccccttgaa catattcagg gcttcaaaaag      420
attgatctgt catgcaccgt ctgccatgat actgtgtgag gatgtgttct tcttcttaaa      480
cattaaatca agaaagaatc aacagtggac ccagttaata gcngatcagc cnaggataag      540
atgccctaga agatggtgaa gggaaagtct cagaactact ggtcttcagc aggcagcgaa      600
gacacctgat ccatattgga ntgggtgggga tgcgaacttc aggaagggat gcccccaagg      660
aaaaattggn aaggngtgat gactgncttc aanaggttcc aggtctttta aaaattttcc      720
ctnccaacn tcacntttgg ctttngaaan ccncgcctga t                          761

```

<210> 5077

<211> 765

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(765)

<223> n = A,T,C or G

<400> 5077

```

agngnnnnnt tttntctctc gcctaattgt tggctacttg ttctttttgc aggatcccat      60
cgattcgaat tcggcacgag gacnancctt ngcgctgccc tntccangat gtctacanaa      120
ttgggtggtat tgggtactgtt cctgttgccc gagtggagac tgggtgttctc aaaccnnta      180
tgggtggtacc tttgctccan tcaacgtttc aacggangta aaatctgtac naaatgcacc      240
atgaactttg agtgaagctc ttccctggnga ctatgtggnc tncaatgtca agaattgtgc      300
tgnaangaat gtcccgncca aggcaacggt gctggtgacc gcataaatgn cccaccaatg      360
gaancatctg gcttcaactgt tcangagatt atnctgaacc atncatgcca aataagntnc      420
cgntnatnnc cctgtntttg attgccacac ngtttacant gcatgcaagt ttgntganct      480
gnaggaaatg attgacnnn ntctgnntan aagntagccn atggccctan attcttggac      540
tctggtnatg ctgncatngc tgatatggtt cctgncaagc ccatgactgt cgaanagctt      600
ctcaagacna tncaaccttt ggntcncttt cgtgctacga ggatattgng caccggacag      660
ttgccgnagg cnttttgatc aagggccent ggacaaaaaa gctggtcgaa cctggcnaag      720
gtnaaccaan ncttccccct aaaacttcan naaggnnaan tgcan                          765

```

<210> 5078

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(969)

<223> n = A,T,C or G

<400> 5078

```

annnnnnnnnn nnnngncnnc nnnnnnnnnn nnnnnnnnnn nnnnnnnnnn nccnngnnnn      60
cnanncnannn ggggnnnncc gntnaaaacc ggtngccenn gcgcncgggc gggngggcnc      120

```

nnanccgaat	nengcacgna	cggggccgnc	ggngggaccc	tgggntgggg	gcnagaanca	180
nccgacgng	gccagaanag	ggggnctggn	gncccaagan	agaanncatg	antagnacac	240
tgganacnaa	anccgtgtgg	ggacacatga	ancccccanc	ccatgngtcg	nancctgccc	300
anaagtgant	gtgnagntna	ctggaagtgtg	gggntccaac	cgncaaaccg	tgggatccca	360
aaacnncang	ncaagccagg	accttngcac	agcccgnaaa	ggnanatncc	cncntaanng	420
tctngagacc	cgggntgntc	gggggaaaca	gcaggcccg	acantgnnng	gngtngggac	480
ttanccgaaa	catgggtaac	gtngcancag	cggccagggg	gtccaacccc	tgaaaatacc	540
caganctcgc	gtgnanancc	aaccgngnnc	ccaaaacaaa	gcnaggggnt	atgggnttaa	600
aancccccna	nttnaanagc	ccnccgnggg	gnaannangn	agnntttttg	ggancccaaa	660
ancccnngga	gggggcccag	ganncgaaaa	aangnatncc	cnttnaaaag	gncccanga	720
actnanaaag	gganaaccan	nntnecngnc	ccaatntnac	ccccaancca	aatncccnnt	780
tccgtgcngn	cccaatnate	cncnagtncc	cattntggcc	ncnagnggng	ggggnnccnc	840
aaangncttc	ttgnaaacan	atnggggaaa	ccntttnacc	aaaaaanngc	gnannngggg	900
cccaatancc	accgggnccc	ccccanannc	annggccann	ancntgggcc	tccaaaaaaa	960
agaaanngg						969

<210> 5079

<211> 748

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(748)

<223> n = A,T,C or G

<400> 5079

agagnnnnnn	tttttgtctc	taatggctgg	ctacttgttc	tttntgcagg	atcccatgcg	60
attcgaatgc	ngcncgaggc	nttagttgct	nnttgaaaag	ggaactgcac	ntgacnncat	120
catggaanga	tagctncaat	ncttnccgac	cttggtcaca	ggccgncatg	agganggact	180
gttccantgc	tnengnggcc	netgnentgn	tnctcatcac	tggnettagc	tttggagtac	240
ncaactccaa	gtggcccag	tctagactct	atcaaatncc	acactgatag	caacaatgan	300
tgcactctgat	gtgtgctgct	ggcnatctta	agcccaaaat	gcttcaaaga	tnaaacagnc	360
atatacattn	aagatacata	tanaaatngt	nnaattngaa	tgtatacaan	ntagattacc	420
ctaacgaact	tactacaag	aaatncatct	tatatccnng	cacnnaaatg	tgganntnta	480
catgaaagga	tataccgttt	nanaaaccac	atnccatntc	taaatgctga	ntgagaaggc	540
ntggactact	aaacctggat	tactgatnaa	atttcaaaan	gancttgatt	ttgctagcag	600
aaatcnttac	ccngttctcn	agcttctata	ancagttctt	gaagggatta	nacagctggt	660
cctctntcca	aattctggat	taatttcagc	tgtgtatttc	cnannnaatc	tttcagcctc	720
tagaactata	tgagtcggnt	tacgtann				748

<210> 5080

<211> 949

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(949)

<223> n = A,T,C or G

<400> 5080

gnentacttt	nttatcttan	cactctgctt	tnctcatca	tcgantccta	tnatgtgggt	60
tnacctnatg	cgggnntaan	ccagnaacan	cntggcccat	gtmccntga	actcacattn	120
tggtcatgna	ttccagaatt	nttnantgga	nagattaata	gncagaaacc	ccactaggna	180
canatcacna	nacngacgct	tntagcttgn	agacctntta	ggcanaaaagt	annaannana	240

ntnggatctt	gengnecctta	atctcttcten	ggaananggg	cctatagntg	gcnacttgga	300
aaacacggcn	ctgntecann	gtttnttgcc	ccnnaccoga	gacaccacna	gtgtcacctc	360
caaggggggn	cttcaaannt	tgggggtgcg	ccggtacctn	ttgaaaatga	aggctncccc	420
caaatggggg	gngagttnc	catnctctgc	cccttgnggg	ttnatattggg	ngaacctcnt	480
tggneccctn	tttttacttt	tagggggcan	ccccatttt	cncctttggg	acccctctng	540
gattttgtcn	ccttgggaaa	acaatttttc	ggggncccaa	actttanaat	traannnttg	600
tttanagcna	anantgtggn	ccccaaatgg	gtacangggg	gttnccccaa	caaaagccgg	660
ctctttttga	tattgcatac	ctcaatnccc	acttgtaaat	ccntttttta	ttactttanc	720
ctctaacata	atgaatntta	ncgcectnan	aattccntcc	tganatacat	gtgangcctn	780
ttgcctgana	aantgacacg	aatnatTTTT	naanngatct	nttgannnnc	ntcancata	840
cgatatntta	cntctngnet	tnagaanaact	cttttattnc	ctggnagatn	aaaanggtan	900
cantntaang	ctntnttgct	atctctcanag	ganttaangc	tataaaaann		949

<210> 5081

<211> 779

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (779)

<223> n = A,T,C or G

<400> 5081

ngnttnaaca	cctgntgtcg	ttctgcagga	tgnanganen	ctngnttcga	angngcnang	60
ngtgcgatgat	nctgncennn	nattgctagc	gntaanaccc	ncgagggagt	atggatncct	120
gnaaagcnct	ctggctcctg	ggaanccnnt	ccttnngtgc	ntnttattac	tgnaattntt	180
canaagattn	tgagatgtct	ncagtgtcnc	attgctactn	tnattgtaat	cattatggga	240
ttgatacgct	gtcanaanta	ctgccagcgg	cagctggagt	tgcttngcat	ttcacagtac	300
anacagnaga	ctatgtnaat	aatnggcaga	anaattctac	tnngctgtgg	aattcccaaa	360
ctaatatggg	ccagaaacta	gctaatcnaa	tcanttatgt	ccaacaaact	gtaatgnngc	420
taggagattg	agncgttagt	ctagaatata	gaatgcagnt	acaatgtgat	tggaatactt	480
ctgattnttg	cattactcct	catctgtata	atgaaagaca	gcatgagtgg	gaaagagtta	540
agaaacatnt	gaaaggncat	actggaaatt	tactttagat	attntgcaac	tgaagggaaca	600
antttttcaa	tctttctttg	gcacatctgg	acacttaatg	ccaggaactg	aagttgcttg	660
gaaggcgctt	caaaatggga	ttaagcaact	attnacccca	ttaaaaatgg	atcaagacca	720
nnaaactana	anaaaaactc	gaacctntta	aaaccattan	tgangtcgga	ntaccttan	779

<210> 5082

<211> 935

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (935)

<223> n = A,T,C or G

<400> 5082

atgggnatgg	nnnnnnnnnn	nnnnnnnttt	ttttgtttta	aaaccccttt	naaaaattgg	60
gnaccctttt	nggggtntaa	attanaatcc	ctnttgagg	ncttnntaen	ctccctcnaa	120
naanttaana	cactantatg	gccgtntttt	tcccnccnta	cctttgntnt	acacccccat	180
tgtgcnaaaa	gntnnegcaa	nnggtnnega	ccaaacnttg	acannctcta	tagtaanttt	240
acnacncnac	ttgnncaact	cgccanctct	tnaacgcan	actagtagca	gaagtactcc	300
acccttnaan	aaaacanaca	actaangccc	ttttactgcc	ctcatcatcc	ntttangnac	360
ctgcttacct	atgaatgect	nttanacata	canatntaat	acctggaaaa	tcacccaccc	420

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ngcccnkata ttcaaacnan acaacacatc cnnacactag anactettgc cccacatecc 480
tcaggtncna caaaacanaa aaggnttntc nencatantt cttactggcc ntncctgaac 540
tangnacccg atncaaacca cntcatcnct tantannttc ncttgctcct tagccagctt 600
ctgncctgan aaccnccaan ctggaaaaac acatctnccn anatccattn cttgngatca 660
caaanacnnt nnncgcggn ctcaannncc tactcaaaga tccactgtcn catctgncce 720
cctanacecc tttntctang cattcctaac tttntanaca aactgcttta cnettagtnc 780
anggaactnc taccttgcat catcnccent tttntcntna ctttcttccct ttgatectta 840
cncttcaaag ggctttnnga ancnttgacc cnanaatnaa atttaattcc ccnttnttgg 900
aggngtcctt cnaaacnnaa tttntaaaca ccccn 935

```

<210> 5083

<211> 752

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(752)

<223> n = A,T,C or G

<400> 5083

```

ggntttnaan ntcagctctt gttctttntg caggatccct cgattcgaat tcggcacgag 60
gcaagacagc cacatttgct atttccatcc tgcaacagtt ggagattgag ttcaaggaga 120
cccaagcact agtattggcc cccaccagag aactggctca acagatccaa aaggtaattc 180
tggcacttgg agactatatg ggagccactt gtcatgcctg cattgggtgga acaaagtgtc 240
gaaatgaaat gcaaaaactg caggctgaag caccacatat tgttggtggt acaccgggga 300
gagtgtttga tatgttaaag agaagatacc tttctccaaa atggatcaaa atgtttgttt 360
tggatgaagc agatgaaatg ttgagccgtg gttttaagga tcaaactctat gagattttcc 420
aaaaactaaa cacaagtatt caggttgtgt tgctttctgc cacaatgcc aactgatgtgt 480
tggaagtgac caaaaaattc atgagagatc caattcgaat ttcttggtga aaaaggaaga 540
attgaccctt gaaaggaatc aaacagtttt atattaatgt tgagagagaa ggaatggaag 600
ttgggataca cttttgtgac ttgtacgaga cacttgacca ttacacaggc tggnatTTTT 660
ctcaatacna ngccncaagg gtggacctgg cttgactgag aagatgcacg ccnngagact 720
ttacagggtc ttgcttntgg cttcgcgga at 752

```

<210> 5084

<211> 728

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(728)

<223> n = A,T,C or G

<400> 5084

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gngngnnnnn nnnnnnnng nnnnnnnnn gnnngttttt taganacagc tcttggtctt 60
tttgaggat cccatcgatt cgcctacnc aagngntnag ccnactncnc ntcaannnna 120
nactgggcan ggatnagact catannaaca ttgtgctgca ttgagaccn cagattcagg 180
gagccatcac cactacatgg canattgtga tctataaatt gctggggcat natcacatgg 240
ntccattntc nnaatggmca aggatgcttg cacctatcga ncngggctat gttnagtatn 300
cctggtcatt ggctaaactc atagctnanc gtaaneggan tataaccatt gacctatget 360
ngtggacatt tgacaccatc agtgacttta tnnantgat cactgatgcc tcatgacacn 420
gacctttatc aaaggacatg atggccaggc cctcttgang cntaccgtgc tatccengaa 480
tgttgctnct nctntngggg aattttcaac ctgaggntnt gaaataatgg ncaaactcac 540
cancatggct tganggcnta cacactggnt gtnaaacaac taattgactg ngatacagaa 600

```

ggntncnntg	ncnactttctg	naggatagat	ctnagaattt	tttagctgta	ggctacntna	660
gaaatcggtg	cacctccat	cganaggcca	tgatgtcnat	ngtacacaac	tnaccatnnc	720
ttcatgta						728

<210> 5085
 <211> 870
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = A,T,C or G

<400> 5085						
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aagnngngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccngg	ncccnaggac	120
caggncgcga	cccnncangc	gncnantgga	ccccaaaggag	ctcnannngcn	gcnnacancn	180
annaccgggn	ncacannngt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gcccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnnncngga	cannanagcc	ctgcnanngn	ancnccnaac	cangaacana	600
nnanggnacn	angaannnnan	caaccnnnnn	ggggaanaaaa	acccanccac	gangaacaan	660
ngnaccncgg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacgngan	cncceanang	840
nggncancna	ancaanagng	cccnccccc				870

<210> 5086
 <211> 870
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(870)
 <223> n = A,T,C or G

<400> 5086						
gagaagngna	ntnnccggana	gnnnnagtnn	gccagttcca	aaccnggaaa	cgccttcgcn	60
aagnngngg	gnnggnacnn	gnaaggcgca	nccggnnac	cnanccngg	ncccnaggac	120
caggncgcga	cccnncangc	gncnantgga	ccccaaaggag	ctcnannngcn	gcnnacancn	180
annaccgggn	ncacannngt	agcaagaaga	ggggancgnc	aagcagnnga	aagcagcngg	240
cgaacancaa	nccgangnan	nannanacag	gaacacccga	naaggaagcg	gacctatanc	300
cnangcccac	aaganaaaaga	caccangnnc	catgcttacc	anagggaggc	aagcnaaatn	360
gacanccnac	ngcanngaac	ctgnacacgc	ggatggacac	ccngcgcgng	nngngaatag	420
acggacggac	agncaactan	gcccaaaang	canngccaan	ggngngnccg	ccaacngggg	480
acagtgaaca	agngcnattg	nggngngngcn	ggannacacc	ancatcnnaa	nggcannagn	540
aagcaccgnc	nagnnncngga	cannanagcc	ctgcnanngn	ancnccnaac	cangaacana	600
nnanggnacn	angaannnnan	caaccnnnnn	ggggaanaaaa	acccanccac	gangaacaan	660
ngnaccncgg	accgtnggcc	cananaaaac	gngncncnaa	ggncacgant	cncanancgn	720
gggcccnnna	cnaagcncnc	catcnanang	ngnnaagctc	cgnggcgagc	anannggana	780
cnacacccac	gnnnngacac	ggaaaaccac	cgncagaaac	cnnacgngan	cncceanang	840

nggncancna ancaanagng cccncccc

870

<210> 5087
 <211> 759
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (759)
 <223> n = A,T,C or G

<400> 5087
 agagnnnnn ntntttgaat cctaattggct ggctacttgt tctttntnca ggatcccatg 60
 cgattcgaaat tcggcacgca ggggcgnccc atcttggtggn tcantnncta tgectnctcc 120
 cntgaccacc cgacagacgt ggactacang gtcattgntca cngntancga attctacacc 180
 angctgatng gctttgacaa nntccnnctn tancagttgt ncaaattccac tatnnnngcn 240
 aactcgaggg tcangccnaa cngtaacnat ggccagttag ggnacctacg caactgnact 300
 ccganngttg tatggagaaa ctggttagacn tcaaagactg cctntccgct tngtggtnc 360
 ngcnacagag gangangtcc tacgtgnntg agggtnennc cnttgggggtt atnnnancgn 420
 antaggnnta ncncgtggacn ganctggagg cgcattgacan cacatgatgc tttntgaggg 480
 cctgaagatn atcntgancn acangtgctc ngtgangccc tgtgantnca ttatcatgta 540
 gatttaggtn gangaatgnc ctgggacana tgtttgtaca tagnggccac ctatganttn 600
 acagantatc tcataactna tcagattgct tncngtctg ggnancnaac tcatcattg 660
 gnaanntctt gcatgctatn cccaatgggt ggatngcctt nantctaaan ataangntgn 720
 tttttatcaa nngggcanan aaaccgtntt annngggtt 759

<210> 5088
 <211> 738
 <212> DNA
 <213> Homo sapiens
 <220>
 <221> misc_feature
 <222> (1) ... (738)
 <223> n = A,T,C or G

<400> 5088
 gaattgctct gtgtttttgc aggateccatc gattcggnag tgngnagagg cncacacnt 60
 ntnggataaa tgcactnnan nctnengcc ttgaanttcn nnaggggtca nnnctnctac 120
 tcacnggnag gngngccna aganactgt gggtnctgnt ggatnaannn gtnattgaen 180
 gccctggnet ggntcaaaac ncnccctag tentcanget ncagggttag gnacanaeng 240
 aatntacntc tcctntgnga ggnatentac tattncgtna tggnnancnt aatgctccac 300
 annaangtgc ngtnagactc cgtgctacg actctcgaga cnnttcntag aagatcattg 360
 tcntctntac cncnntngga acttnaacta tgtattgana naaccttgag gatgctatgt 420
 ggccacagat tcctattca atggaaaacg nccnctaca ttatgcangg gnnnctttct 480
 gaatcgtgtn gcacntentt catggggctc naatnngccg cttnaancnc aaatattggg 540
 cgcttgacn gctttgacan tgtgtaannt ctngtntgc nangctatac ttggacccat 600
 ttgccctgta tgngcccttn gcaatggntt cntttcnaag tataactacn ancttncaaa 660
 tggncagggt cctgatnntt nccattttgc naacgtgctc atttnaanac tgactgnaan 720
 cgtttttgac aaaanaat 738

<210> 5089
 <211> 856
 <212> DNA
 <213> Homo sapiens

1761

<220>
 <221> misc_feature
 <222> (1) ... (856)
 <223> n = A,T,C or G

<400> 5089

gngnagnnnn	nnnnnnnnnn	nngnnnnnnn	nnngnnngtt	tntnatanca	ngetcttggt	60
ctttttgcag	ggatcccatc	gattcgaant	canctcganc	atggannncc	tcnccctcagc	120
antcnnatgn	gcnncctngg	cnagntcaen	nttgctgctt	nagnnnttnc	tgtenntnch	180
aattntgnaa	ngncttnaat	gtgnnannaa	tcaggaaaat	getnctnca	annctttagn	240
nttnnaaccn	tccatattct	taacatntgn	gacatnccat	gggatgenat	taatattcaa	300
ggnttttatn	cggtactnaa	aaatanacac	ttctaccngt	caangtteng	aaanancgat	360
catnecgentg	aancatngna	tgtnnatanc	aacctntgaa	nagntnctca	tttnccctg	420
aaatcatggc	actnatagca	acctttntan	aaggctataa	aaanggactt	gaatgtncna	480
attgcccaag	aagagcgcta	cccttcggga	aggggaancc	tgaatgttgc	aaccactggg	540
gataataant	acccttattg	tcaagaaaat	ggcattgggg	ggcacattca	tntgaatttn	600
ggacctggng	actcettacc	gaaattccca	nccaggttcc	acnaatggna	atttgaagnc	660
ccgtttgnet	nttcgnggac	cagtggggaa	aagcaattaa	aaggccaaaa	tccttccnaa	720
acctttntca	agggtttttna	gnaaagtnc	cacatggttt	nnnaagggt	ttaaggactt	780
gcntttggga	aangggnaaa	aaccttttaa	attgtaaggc	ccaanggatt	ccggaatacc	840
gccngtacaa	taaaaa					856

<210> 5090
 <211> 721
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (721)
 <223> n = A,T,C or G

<400> 5090

ggnttttnnat	cagctcttgt	tctttttgca	ggatcccatc	gattngaatt	cggcacgaga	60
gaaaatcagg	gatgtattag	gaaagtaaca	gtctctcatc	aagaagccct	ggctcaggna	120
tatgaatatc	agtactgtgg	agaggcccta	tggatgccat	gaatgtggaa	aaacttttgg	180
tcgacgcttt	tccttggtgt	tacaccagag	gactcatact	ggacagaaac	catatgcatg	240
taaggaatgt	ggcaaaacct	ttagccagat	tncaaacctt	gtgaaacacc	aatgatnca	300
tactggaaag	anaccccatg	agtgtgacga	ctgcattcag	acnttcagtt	ncctttcatg	360
gnttantgaa	cncnanta	cgencactgn	ggngaancct	tangnatgta	ctgagtgnng	420
aaaggccctt	anccgagcct	acaacctcac	tnggcntcag	anaanncaca	tntgagggaa	480
acactatnta	tgtanganat	gnggnnnnnc	ntttannact	ggctnagaac	tcnntngcen	540
cnanattaca	catactgaag	nnanaccttn	ngatnecatn	gnatgtgnga	aaggcatnt	600
gccgtttctt	gcaccttact	ccnangtcat	ancntncccta	caactcaaaa	ccccntnttg	660
aatggtgcng	aatntagaga	aagntctttc	gnnggaatct	cnttntctnt	nnaaannatt	720
c						721

<210> 5091
 <211> 760
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (760)
 <223> n = A,T,C or G

<400> 5091

gagnnttttnn	ccncnngaaa	gcccttctga	aatngcttgg	gnaggtcggn	ctnnncnca	60
ngcagcnana	ngcgntggcg	aattcngcac	gcaggcaana	ctttttcctg	gggcaggggn	120
gtcagcnatt	attnaattgg	attattncta	agttngctan	ntgggncann	tgtgnngagn	180
agggagnntn	cctgccacnt	nttctgntnc	ccnncttctg	cccacacatg	cagcatccaa	240
agtccattna	ntnaatgaat	ggacanagt	ccgagcanac	nggggcnnaa	ncangnncnc	300
agtcnacgca	tccngnntcn	taggnaaagt	ggtgaccgnt	cncggnggga	cntgcnaaan	360
ccctgnnaca	cagncggnc	cnntnnangg	acnngcann	ctnggatgtg	cctcaggaaa	420
aacagggcna	gccttcnagn	nccgnatacy	agtnncnggc	cttananncn	anaacaangg	480
cnctnacttg	cngcatgctt	cactattctt	tnaggcacat	atatnttntc	ttattagntc	540
ctcncatccc	atgagggacn	cagtggctna	tgccctgggaa	ancngncctt	nngnangtca	600
aagngggagg	attgctcnac	ctaggaannc	aagaccacgc	tgggcggnat	antgngaacc	660
cancggtacg	acttgaagaa	aaatatccta	ancncngcct	tactaacttt	agngngcnca	720
attacgtaag	anccanacgg	atcagtttca	aatnaggggn			760

<210> 5092

<211> 766

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(766)

<223> n = A,T,C or G

<400> 5092

nnnnnnnnntt	nnnnnnnnnn	tnnttttnan	nnnnnnntttt	naataattgc	tattgttctt	60
tttgaggat	cccatcgatt	cgaattcggc	acgagcccag	ccccaccca	gccccaaagg	120
aggctgttcg	agagggacgt	cctccggagc	caaccccagc	caaacggaag	aggcgctcta	180
gcagttccag	ttccagctcc	tctcttcat	cttctctctc	ctcctcctcc	tcctcttctt	240
cctcctctc	ttcctcttct	tcttcttctc	cctcatcttc	ctcctcctcg	tcgtcttctt	300
ccccctcccc	tgctaagcct	ggccctcagg	ccttgcccaa	acctgcaagc	cccaagaagc	360
cacccctctg	cgagcggagg	tcccgcagcc	cccgggaagc	aatagactcc	ctcagggact	420
ctcggtccct	cagctactcg	cctgtggagc	gtcgccgtcc	ctcgccccag	ccctcaccac	480
gggaccagca	gagcagcagc	agtgagcggg	gttcccggag	aggccagcgt	ggggacagcc	540
gttccccagc	cacaagcgca	ggagggagac	acctagccct	cggccatgag	acaccgntcc	600
tccaggtctt	cataaattgt	ctttggggga	ttccaccaca	cccaatgctc	tggagccaca	660
aggagtgtnc	cttnttccca	cagaccgtgg	ganggtcctt	gctgctttct	ttgaacttgg	720
cagccttgga	tgganggctc	ctttncctcc	cttttttttt	ttttgt		766

<210> 5093

<211> 851

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(851)

<223> n = A,T,C or G

<400> 5093

gagaagannn	nnnnnnnagaa	agnnnnnnnn	naggnaggtt	ctaaatnctt	ggctatcgan	60
ctctnagcag	gagcccatcg	attcgaattc	ggcacgaggc	gggcgctagg	cgcgcgacc	120
cagcactngg	tcccagncca	nanatctggg	gcagcgcgcg	gtggaagctg	cgngcngann	180
ggancanttc	tggctcacga	ccttgacgct	agcgcgnta	tcangnggaa	accnngnnnc	240
cacnnnaaca	aaaagntggc	tggatgtggg	gnncnncata	cctggaatcc	cagcnctnt	300

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agcggcnnaa gcatcagaat cacntgaacc canaacacag gncgcncctga nccaagattg      360
tgccccctgca ttctagcctg ggtgacagtg anacnggctc aaaaagataa aggtgtacag      420
ggantgtata ttcagacaac ntggatgga agatgtgcta cnnctantgn nccangctga      480
tactaagtna acactcnnta cnatanagan ggagatntgg gacncatagg actgnggnca      540
tnttaattan ttcangantg ttttccacna gcnnttaact ggatttcaca ttanagaaac      600
ntttncagg accctnnaac gggtaaattn ccaacggann nctccaaatg taccaatttt      660
antgccccga atngggaaaa ttncnacang nccctttnc anggtatgna canagnactt      720
ttaantnacc cnccantcaa cctnnnacca nttnttttan tccangncan nctaccagtt      780
gtncnaccac aaagnttttn aagncccatt nnnnttngtn aatnnnnngg nnaaacccnn      840
nnacaaattc n                                     851

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<210> 5094
 <211> 731
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (731)
 <223> n = A,T,C or G

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<400> 5094
ctcttgttct ttttgcagga tcccatcgat tcgaattcgg cagcagattg gattgccaca      60
cggctcacat tgcattgaag ttgtctgagc tgaaggaaaa gattgatcgc cgttctggta      120
aaaggctgga agatggccct aaattcttga agtctggtga tgctgccatt gttgatattg      180
ttcctggcaa gcccatgtgt gttgagagct tctcagacta tccacctttg ggtcgttttg      240
ctgttcgtga tatgagacag acagttagcg tgggtgtcat caaagcagtg gacaagaagg      300
ctgctggagc tggcaaggct accaagtctg ccagaaaagc tcagaaggct aaatgaatat      360
taccctaat acctgccacc ccactcttaa tcagtgggtg aagaacggtc tcagaactgt      420
ttgtttcaat tggccattta agtttagtag taaaagactg gttaatgata acaatgcac      480
gtaaaacctt cagaaggaaa ggagaatgtt ttgtggacca ctttggtttt cttttttgcg      540
tgtggcagtt ttaaagttat tagtttttaa aatcagtcct tttaatggaa acaacttgac      600
caaaaatttg tcacagaatt ttgagaccca ttaaaaaagt taaatgagaa aaaaaannnn      660
nnnnnnnnnaa aaaaaactca gcctntaaaa ctntnnngag gcnttttctc anatcccaen      720
tgataaganc t                                     731

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<210> 5095
 <211> 755
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (755)
 <223> n = A,T,C or G

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<400> 5095
gnntttnnnn nnnnnnttt taagnaattt gcnactcggt ctttttgcag ggatcccatc      60
gattcgaatt cggcaecagg attacatagt gacatatatt agcttttcgt ccacatttga      120
taacattgct aatatcttct ttttttttta ctgaactctt tgaatttaaa gttttctctc      180
atttaatttt attaattaaa aacatacctt tactctgttc ccttttagcat ttcaacctga      240
tgttaaaaga tgtgtatgtg tgatatgtgt gtttgaaatt ttaactttca tcttggagta      300
tttaattctc tgaagcagtg catgactctt gctcttcagc ctcttgagag tgctcctggg      360
ttatatctct gatgatacaa accctggaat ttcttgtctg aagtgtnaac actttatttc      420
caggctctaa tttgatttga atagtggaag ttcagattca atgcattaat gacagattct      480
atgttgcttc ttcagatttg ccagacagaa aaacctactt atgtgaggaa atcattaggc      540

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tttttgacta	tctcttttgt	ataatgagac	tctttttctca	ttagatgagt	aaaaagatcc	600
agagatgadc	accagtatcc	cccagaattc	atatatatatt	aattgaaaag	aaacaaatnc	660
tgggattctt	tnctaaaaan	ggtggattac	atttcttgnc	tgntgnaca	tctttgnnta	720
acnggaagaa	aaataaaaaat	attnattttc	caccc			755

<210> 5096
 <211> 777
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(777)
 <223> n = A,T,C or G

<400> 5096						
gnnnnnnnnc	tttnaaatcg	cttggcnttt	tgcaggatcc	ctcgattcga	attcggcacg	60
agagcgggnt	ttntnntggn	tgcenctcat	ttgtngnann	nantngactt	nataatntng	120
atgatnnann	nantangnt	atgagnnatn	cacatnnnat	tnangntgna	nnatattcna	180
aggnannann	tnncacagacn	ntggntgggn	acntntcana	tngttttagac	tnngncaaag	240
gnnangtnac	aacggatnng	accncaccta	nactgagann	acctggancc	tcagnatcna	300
tcnggnaatc	gctcacnnag	tatacttnca	ncagnanntn	taaccttaga	tactcgatct	360
taaacttggn	tatccantnt	aaaaacngtc	ntttcngacg	gntgtntnnc	atcaancagn	420
nnatctnnaa	atctgnnncan	agganegntt	ttaaactcat	nnctggaatc	ctcagatnna	480
ggacccatnc	angnaggntt	ganctgntt	gccctgttag	cacgnanttc	canntgngtn	540
aactctcaca	atgngtttna	agaacncnaa	aggctggccc	ntgntcntat	gagtgattct	600
ccctncttat	ctngggngnc	ncnattnaat	ctttggaaac	cnaannttcn	ntaatggtn	660
cccactgggt	nggaaccaat	tngaactgca	ccttcngtn	cctttantng	nggcaaacca	720
aancatnctt	tancattcca	tttgacctn	nttttttacn	ttaanacnan	ccttgac	777

<210> 5097
 <211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5097						
aggnntnnnt	ttgnnnctaa	tggetggcta	cttgttcttt	ttgcaggacc	catcgattcg	60
antgangctc	nagcaggecn	catgagatcn	cctgctnggn	ncnttgnnnt	ctnatggcca	120
ctgntatcnn	agccntgnnc	tgaagggtgca	ngctcacgcg	ncggaggtcc	nttgagaccc	180
agnctgcttc	natancagtc	cggtenctca	nanctcccac	tggtanacnn	ncatgtagnc	240
actgntgcag	ctgactgcng	nancnnentn	tgtggncaca	ntaagattcg	ccnggccttg	300
cntgannann	tactnntnat	atcnatgant	gctgnetgan	nagaactngc	nnntcnatgn	360
ggactgtctt	cagnacccta	tatggcntcc	ntggntctgt	tnccgngnac	natttngcga	420
cngtfaatgt	gccncattgt	gctctnatgc	cattenatac	tagattccac	agaaggagac	480
cntgcgatnt	gcttaaaatan	tgctgntgaa	nagctnntac	cgaatcnna	nagttcataa	540
aacgcctcct	naggcagant	ctgtnatent	cngtagcate	ccnaatanga	tcgatatgct	600
aacntacaac	tgatgnccctg	ngantaatca	anntcttnat	ttantatcaa	tgaaatgctg	660
ctcctggaac	ttaacctgga	atggtgcagc	tncaagcttn	gtcngcgtt	cncancttgg	720
tncccgattt	ccnggccact	tannccnttt	gaaanttccc	t		761

<210> 5098

<211> 761
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(761)
 <223> n = A,T,C or G

<400> 5098
 aggnntnnnt ttgnnnctaa tggctggcta cttgttcttt ttgcaggacc catcgattcg 60
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 ctgntatcnn agcentgnnc tgaaggtgca ngctcacgcg nccgagggtcc nttgagaccc 180
 agnctgcttc natancagtc cggtcnctca nancctcccac tgggtanacnn ncatgtagnc 240
 actgntgcag ctgactgcng nancnnnctn tgtggncaca ntaagattcg ccgngccttg 300
 cntgannann tactnntnat atcnatgant gctgntctgan nagaactngc nnntcnatgn 360
 ggactgtctt cagnacccta tatggcntcc ntggntctgt tnccgngac natttngcga 420
 cngtnaatgt gccncattgt gctctnatgc cattcnatc tagattccac agaaggagac 480
 cntgcgatnt gcttaaatn tgctgntgaa nagctnntac cgaatcnna nagttcataa 540
 aacgcctect naggcagant ctgtnatcnt cngtagcatc ccnaatanga tcgatatgct 600
 aacntacaac tgatgncctg ngantaatca anntcttnat ttantatcaa tgaaatgctg 660
 ctccctggaac ttaacctgga atgggtgcagc tncaagcttn gtcgncgctt cncancttgg 720
 tncccgattt ccnggccact tannccnttt gaaantttcc t 761

<210> 5099
 <211> 781
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(781)
 <223> n = A,T,C or G

<400> 5099
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 tttgcaggat cccatcgatt cgaattcggc acgaggaaat gacaagatcc cacaaaagtg 120
 ctgcagatga ttacaataga attgggtctt cattatatgc tttaggaact caggattcta 180
 cagatatatg caagtttttt ctcaaagtgt cagaactggt cgataaaaaca agaaaaatag 240
 aagcacgagt gtctgctgat gaagacctca aactttctga tcttttaaaa tattacttaa 300
 gagaatctca agctgctaag gatctcctgt atcgaaggtc tanggtcact agtggattat 360
 gaaaatgcta ataagcactg gataaagcan gagcanaaaa tcaagatggt ctacaggccg 420
 aacttcccaa caattatggt gtcagaaatt tgaaaaaata tctgagtctg caaaacaaga 480
 acttatagat ttttaagacaa gaagagtgtc tgcattcaga aaaaattagt ggaactggca 540
 gagttagaac tgaagcatgc aaagggtaat ctacagttgc tgcagaactg cctggcagtg 600
 ttaaatggag acacattaag ccacacttcc gnttttctgg ttaaaaangg ctggcctttc 660
 cttcaaat tttttttggn tttcttaaat ggatgggttaa gccttttatg cctcactggg 720
 aaaccaaac aaaaagccac ttggaaaaag gtgcctnaa ctctctcttt tttctggaag 780
 a 781

<210> 5100
 <211> 797
 <212> DNA
 <213> Homo sapiens

<220>

<221> misc_feature
 <222> (1)...(797)
 <223> n = A,T,C or G

<400> 5100
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 gaggtgagaa ggtaggtcc ggctcagact gaataagaag agataaaaatt tgccttaaaa 120
 cttacctggc agtggctttg ctgcacggtc tgaaaccacc tgttcccacc ctcttgaccg 180
 aaatttcctt gtgacacaga gaaggcaca ggtctgagcc cagagttgac ggaggagta 240
 tttcagggtt cacttcaggg gctcccaaag cgacaagatc gttagggaga gaggcccagg 300
 gtggggactg ggaatttaag gagagctggg aacggatccc ttaggttcag gaagcttctg 360
 tgcaagctgc gaggatggct tgggccgaag gggtgctctg cccgccgcgc tagctgtgag 420
 ctgagcaaaag ccctgggctc acagcaccac aaaagcctgt ggcttcagtc ctgcgtctgc 480
 accacacatt caaaaggatc gttttgtttt gtttttaaaag aaagggtgaga ttggcttggg 540
 tcttcatgag cacatttgat atagctcttt tctgttttt ccttgctcat ttcgttttgg 600
 ggaagaaatc tgtactgtat tgggattgta nagaacatct ctgcactcaa gacagtttac 660
 anaaatnaat gttttttttg ctttttcaaa aacaaaaann tcntaaaaaa cctcgagccc 720
 ttttanaacn tattantgag tccgtattta ccttanaatc cagaccctga ttangatcca 780
 tttgntnaag nnttgct 797

<210> 5101
 <211> 752
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(752)
 <223> n = A,T,C or G

<400> 5101
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 aacagatcct ctgaaatttc aaatngaaaag aaaagatatg ttagaaaagga gaaaagtact 120
 ccacattcca gagttctatg ttggaagtat tcttcgtgtt actacagctg acccatatgc 180
 cagtggaaaa atcagccagt ttctggggat ttgcattcag agatcaggaa gaggacttgg 240
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 ttataatcct cgggtccagg agattcaggt ggtcaaatta gagaaacggc tggatgatag 360
 cttgctatac ttacgagatg cccttcctga atatagcact tttgatgtga atatgaagcc 420
 agtagtacia gagcctaacc aaaaagtcc tgtaaatgag ctgaaagtaa aaatgaagcc 480
 taagccctgg tctaaacgct gggaacgtcc aaattttaat attaaaggaa tcagatttga 540
 tctttgntta actgaacagc aaatgaaaga agctcagaag tggaatcagc catggcttga 600
 atttgatatg atgaggaat atgatcttca aaaattgaag ctgcaatatg gaaggaaatt 660
 gaaaccgtca aaaangtctt gattcttgag aatgaatttg ggtagttgca gaagatccat 720
 tggctcttaa gangatatat tttgagancc at 752

<210> 5102
 <211> 742
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(742)
 <223> n = A,T,C or G

<400> 5102

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tgattgttgt	gcagccggcg	ccatgtctgt	gagcgagatc	ttcgtggagc	tgcagggtct	180
tttggctgcc	gagcaggaca	tccgagagga	aatcagaaaa	gttgtagaca	gtttagaaca	240
aacagctcga	gagattttta	ctctactgca	aggggtccat	caggggtgctg	ggtttcagga	300
cattccaaag	aggtgtttga	aagctcgaga	acattttggt	acagtaaaaa	cacatctaac	360
atctttgaag	accaaatttc	ctgctgaaca	gtattacaga	tttcatgagc	actggaggtt	420
tgtgttgag	cgcttggctc	tcttggcagc	atttgttgtg	tatttggaaa	cagaaacact	480
agtgactcga	gaagcagtta	cagaaattct	tggcattgac	cagatcggga	gaaaggattt	540
catctggatg	tagaagatta	tctctcagga	gttctaattc	ttgccagtga	actgtcgagg	600
ctgtctgtca	acagcgtgac	tgtctggagac	tactcccgac	ccttcacatc	tncaccttca	660
tcaatgagct	ggattccngg	tttcgcttcc	tcaactgnaa	aatgactccc	tgaggaaccg	720
ctacgacnga	ttgaaattga	cn				742

<210> 5103

<211> 1245

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1245)

<223> n = A,T,C or G

<400> 5103

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ccaccattgc	ccctcctcag	ctgtgcaagg	agaaagcatg	cttaggaagt	tttcaggctc	180
ttgtgataaa	acctccttaa	atctgttcag	accaagcaat	gcgagcttcc	tctcctgtcc	240
catgttggaa	gttgctctga	aggggtggta	gatgctggaa	gccagacaca	accctgcgta	300
cgctgctcag	ttgggtggaga	ctggggctgg	gactggagtc	agcccagctg	ggaggagggg	360
ctggggagga	tctgnannng	cangeccnan	nnatentntg	cntntccctc	ntccnctct	420
tnntttatct	antccttnnc	cctctnnccat	ttnnatnnnt	nnactccctt	nnactenttc	480
nnccantctn	tatctccnca	tnntccttct	ctctannnta	nnntcacnct	cnactctct	540
tntacttnen	atcacnntca	cctctctctc	tctannctc	atcnactcn	tntnnnccna	600
tcnctcncc	ccttnaccnn	ntnacttana	cctcccnatc	tctnnatntt	canctntnta	660
tctacactct	ctntccntct	catctacann	tnnatatenc	nnccatnana	cactcctntc	720
tctcacnctc	ncncannntc	actcttactn	ntactnnntn	nctnanacta	cncacacttn	780
tctattnctc	tnctnnactc	tnctatncta	ctctcctnct	cttatentcc	tctcnennca	840
tnctacttct	tcatctccac	tnctncanct	nctctntctt	cntctntanc	ctctcctnct	900
ancattctct	tttcattnnn	acnccntcat	cnnttanccn	ctatctnttc	tnctntccnc	960
tctnnccncc	cnactctctn	ccatcnccnn	nnctntctna	cannntctct	cctcccttac	1020
ctccacnnnc	tctcccnccct	ctcatatact	cttctcanat	atctcttnnn	atnctcacc	1080
tencacnana	cntcaatnct	ncttacctta	nnccntnnan	ccatnctnac	cctctctact	1140
cttnnacnta	ttctcncatt	ctnccctcac	ttatctntat	tntctctntn	tenccttant	1200
ctcnctcttt	ctcatctccc	tnnctcacat	cactctacnt	nctct		1245

<210> 5104

<211> 1701

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1701)

<223> n = A,T,C or G

<400> 5104

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ggggctnann ttinatggct cccntnnnnn actcnatgnt ctntccctaan atntcnnntg      180
ntnctccttt cgngcntta tctnntgtca ntntcntnnt cncctctttn ctcateccant      240
ntnttacatc tectetgncg angenctcan nnnnnncncg cnnnnnnaca tatacctntc      300
ttttnncttc atnnaentat acnnntctcn ctncccatan acctctttnn anctactent      360
nttatecnct cteactctct ctecgtench ngttencann tatcatatac cncctgtcta      420
tegtccctct tcanncttct genacctct ctnacctntc tccctnccnt ngcctanttc      480
atcatnctat cccntctnnc atcccacna canttctacc actcccanca cccctctcct      540
antctccttc ctntenaate tnnnnntttt atatctnnt cncntctecn cctatentct      600
ttctcctntc nctntnccac cncctcctn atntcncntt cnnctnnnt cngtntccna      660
ccccctnat cctacacac ctctnnnnn acntctcggn ttctctctnt cntctntaac      720
atccactnca nctatctttn atctannctc tancctance nccctnnccat actatccata      780
nccanantnn tccaantct cnaacctct ctncnactc tnttatctct ctngngnctc      840
tnncntctc tntactcta nattcttata ctntttenta ctacctntcc nctctatnac      900
tnnnctactc acnnntnctn atctctctct cctcttanac tcnctcactc cttatanatc      960
ttcnatncta tcacactann ctncnccnt ctnactnata tcttntnttt ntctctcaca     1020
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atccntctc tctctctntn cntctctntc tctctntct ntcatanac ancactnaet     1140
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nnataactnt ctncatcact cctcactctc tntatnctct ctctctnta tactctctct     1500
acntntcnnt ntcacccana cacattntc atnctatn ntccnncnc tctctctct     1560
ctntcatac atctacnca ctatcctnt cactctctcn tctcatnctc nncatctnt     1620
ctacnnatcn ctctctnta ncnatnctnn ctctncacat atctcactct cactcatctn     1680
tctnctcnc nccntctccc t

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<210> 5105

<211> 756

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(756)

<223> n = A,T,C or G

<400> 5105

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ccatgcgatt cgaattcggn acgagggtgn aaagngaact tttaagggag gttcctgctg      120
tnccagaaac ccttcaagaa aaagcgaagg nntttctcag agctgaagat caagcgctg      180
agaaanaagt ttgccccaaa gatgcttcta naggttagga ggaagcttat ctatgaaaaa      240
gcanancnct atcacaaggc atatnggcng atntacagaa ctgnaattcg aatggcgagg      300
atggcaanaa aagctggcag ctentatgna cctgcanaac cnaantggc gtttgctatc      360
agaatcagag gtatcaatgc gagtgagccc aaagggtcga anggtgttgc agcttcttcg      420
ccttngtnaa atcttcaatg gaacctttgn nnngtcaca atggctnta ttaacatgct      480
gangattgta gagccatata ttgcatnggg gtaccccaat ctgaantcag tncntgaact      540
aatctcaaac gtggnnatgg caaattcaat annaagccga attgcttnnn cagataacgc      600
tttgatngct cnatctcttg gtcaatacgg catcatntgc atggangatn tggttcatga      660
aaactatact ggtgnnaaac gcttcaaaga ngccaattac ttcctgtggg cctcaaatt      720
gnntntcca cnantgggaa tgaagaaaan gacccc

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<210> 5106
 <211> 748
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (748)
 <223> n = A,T,C or G

<400> 5106
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 catggaanga tagctncact ncttnccgac cttggtcaca ggccgncatg agganggact 180
 gttccantgc tncngnggcc nctgnctgn tntcatcac tggnccttagc tttggagtac 240
 ncaactccaa gtggcccagag tctagactct atcaaattcc aactgatag caacaatgan 300
 tgcactctgat gtgtgtctgt ggcnatctta agcccaaat gcttcaaaga tnaaacagnc 360
 atatacattn aagatacata tanaaatngt nnaattngaa tgtatacaan ntagattacc 420
 ctaacgaact tcaactacaag aaatncatct tatatccnng cacnnaaatg tgganntnta 480
 catgaaagga tataccgttt nanaaaccac atnccatntc taaatgctga ntgagaaggc 540
 ntggactact aaacctggat tactgatnaa atttcaaaan gancttgatt ttgctagcag 600
 aaatcnttac ccngttctcn agcttctata ancagttctt gaagggatta nacagctggt 660
 cctctntcca aattctggat taatttcagc tgtgtatttc cnannnaatc tttcagcctc 720
 tagaactata tgagtcggnt tacgtann 748

<210> 5107
 <211> 674
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (674)
 <223> n = A,T,C or G

<400> 5107
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 tcttcatagg aaagccaccc tgggtgccaag cctagcttgt ggggaggggt atgtgttcca 120
 gaaactgctc tttgtgttcc cttcaatgag gaaacaacat gtgtctactt atgtggcacc 180
 caactgcttg gagctccaca ctcccttttc gcgactcagg ctctggtgct gttgccaaat 240
 ccttgcttgg caaagactgt tcatcatgtt ggggtcctta tttacaaggg aaagctgggc 300
 cagaaggcta gcaattcagg tgttaccgct attgctgtac cttgtgttag gacattgtgt 360
 ttgtgcatgg actgtgcctc caaactcagt agttccgtat ctaaataataa agtantgtta 420
 gaaacctgaa agtacagaat ctcaacctta cnagtctttc ccttagtccct gtggccttcc 480
 taagccagct gttaaccgtg ttgattccct ccacttcccc caaagtaagg caggcaacag 540
 atatgttgat tgtcttagaa agtaattctg ttccctctgaa ctccattgaa ttccagtttg 600
 acgcatactg cctggaacca gactgtttgc ttacagcttt ttaaagaaaa atctgncttg 660
 gtcctgnccc cant 674

<210> 5108
 <211> 589
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature

<222> (1) ... (589)

<223> n = A,T,C or G

<400> 5108

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caagtgtggc	aaaggaactc	attgctctcg	aaatgcatat	atgttggttt	atagactgca	120
aactcaagaa	aagcccaaca	ctactgttca	agttccagcc	tttcttcaag	agctgggtaka	180
tcgggataat	tccaaatttg	aggagtgggtg	tattgaaatg	gctgagatgc	gtacaaagat	240
gtggataaag	gaaaagcaaa	acacgaagag	gttaaggagc	tgtaccaaag	gttacctgct	300
ggagctggtc	tgtaagatat	tctgggacag	cactgttgcc	attaagtgcc	ttgttttttt	360
atgttcacaa	atgtatatga	agaaactttc	tcaaacttac	tctttctaat	aaccactaa	420
agccagctta	aacactctaa	aagtactttg	taaaccaaca	ataacttgat	gtgtagcatt	480
ccatattatt	tccattacgt	tgtactccta	aaatggggag	ctgttaatna	attataacct	540
ttagggtcag	cactctgcat	ccctggagta	ttgttggtn	ttatatatt		589

<210> 5109

<211> 660

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (660)

<223> n = A,T,C or G

<400> 5109

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gacgtggggc	agttcctggg	gcaagaascc	agatgggaga	tgagatagaa	agtgttagga	180
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atggggccttc	ctagctctgg	ccaccaagaa	tttgtgaaca	ttagagctcc	tggctcgggtg	360
ggtagagcca	gagctgctga	ctggctctct	tgccctcaga	ggggatttat	tggacctcag	420
aggtggcagg	gccctatgga	gcaccaactg	ccctcaaccc	caccctgtgc	ccaagactgg	480
gaagggattg	atgtcaggct	gtggccatag	gtagcatgag	ttgccaagg	agggacagag	540
catatctttg	ctgaggcttg	gctgaggggc	ttatgatagg	gcttgcaagta	cctcacagcc	600
ccctgtgggc	acagncaccc	tgaggtttac	ccaggcaaat	atattgatta	gcaggaaaaa	660

<210> 5110

<211> 615

<212> DNA

<213> Homo sapiens

<400> 5110

ccatagcctg	ttgagtgttc	ccagatgtga	ctcacctttc	tgctgccctc	ttcatgcagg	60
cctactgact	cataakkcac	gwkgteccaa	aagccacccc	acaagcctga	gccaacctgc	120
tgctgacgc	cacagtcatt	ggcagaggtc	tgggcattat	taatytataa	aaatccatgc	180
tttacacctg	gacagtasac	agggacttca	gagattgcac	gttkgaatac	attctcccaa	240
gactgaggtt	gttcggtttt	aattcctgta	gtccaatcac	acaatttctt	atggaaaacc	300
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ctgacctttt	ataatttgat	gtctcaaagt	tagagattat	ctaaaaatcg	taacttgaat	540
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aacatgttgc	ttaat					615

<210> 5111
 <211> 937
 <212> DNA
 <213> Homo sapiens

<400> 5111
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 ctgtgaagga attaacctaa gtsyttccag agcatctcat gtaacctcta tggagtaagt 180
 cactttttct gtaacatgtg gcttttgacc ttgatgaaga ctttgacttc tcatccctgt 240
 ctacatggag gaagatgatt cagtgggtgg gaaaatgaac ctcggttaaca tttccaatgt 300
 ccttcaagag ggaaacaagt tcagtgttat catcgtggca ttcgttagtt tttttttttt 360
 aaatcacktg tttagatata actttatttt tttataccta catagcacat gactgggggg 420
 ataaagcatg tataagttgg gagagggtaa agaattgtgtg actatgtata cagaaaatag 480
 actaaaatgt gcagcaaaat gatataact gtaatctggt ttttgaagta tctactattc 540
 tggaatattg ttaaacaaact ttttgctttt gaaaaaaaaa aggtgccttg attcagttgc 600
 gtgacttaga acattcatcc tattttattg tgatttttaa tgtcttctga ccccaaactg 660
 tgtttttggt tgcagtctgg cggctgcagg catagcgtcg gttttgttcc aataacagag 720
 accaaagagt taatcagata tggttcagct gctacaattg tatgattcaa aggcaattta 780
 atcaccccaa atttccatgg ccccccagct caagacctgc cattcgtttt ctcttgagg 840
 ttggagtataa tttgcacttt gaatcatgtg ggtcatttgg ggaccttggt cttttctatt 900
 ttgcttttatt aataaaggaa cttgtagaaa aaaaaaa 937

<210> 5112
 <211> 653
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(653)
 <223> n = A,T,C or G

<400> 5112
 gagacctcta acctcccgca gttgagcaaa tacactctga gagacattag ggactgtggc 60
 aaaaagcagg caatccatgt gtgtcactta agccttgagc acagttcagt aggcaacaaa 120
 ccaggaactg tcttggcaga taagacagac tgtgmaaggc catcgtcaty ggcattgggaa 180
 gggcattaat taccaaagtg gagacasagt cactgtctcc aagagcattt ggaatcactt 240
 cacagagttc tcaaggaggg gaaggctatc tgtcagctcc tggcgggact gctgccccat 300
 atactgtgat gaattgcttc acatatctga gttctgatgg gaaggagtcc aagtgcggta 360
 gctgtagaga acgctgggga agcccagttc tatgtagctc acgtatgaaa ggaatattca 420
 tgaagagnaa aacagaggca ttatttgaga ttaactgcct gagaaacctc gtctaattcc 480
 aagtgtctag aaaatgttga ctacttgcca tgtgcccagt aaggtgcttg gagctttata 540
 tgnatcctct catttaaccc tgtgacatag ttatgctggt anaccttgct gcgttcgtgt 600
 acnttgaatg aagttgaagc ttaanggaag gttaaaacnc caaccnnaac tga 653

<210> 5113
 <211> 559
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(559)
 <223> n = A,T,C or G

```

<400> 5113
ggaagaggat gactgggtat gctgtgccac ccttgagggc catgaatcca ctgtgtggag      60
cttgggcttt gacccgagtg gccagcgect ggcgctctgt agtgatgacc gtactgtgcg      120
tatckrgcgt cagtawctac caggcaatga acaaggggtg gcatgcagcg gctctgaccc      180
cagttggaaa tgtatctgta ctttgtccgg cttccactca aggaccattt atgacattgc      240
ttggtgtcag ctgacagggg ctctggccac agcttgtggg gatgacgca tccgctgtkt      300
tcaggaggat cccaactcgg atccacagca gccacacctc tccctganag cccacttgca      360
tcaggcccat tcccaggatg tcaactgtgt ggccctggaac cccaaggagc cagggctact      420
ggcctcctgc agtgatgatg gggaggtggc cttctggaag tatcagcggc ctgaaggctt      480
cttgaagctn acctcgactt ttggacagag taatggactc cccagaaaac gttcatataa      540
gaattttacc agncccttg

```

```

<210> 5114
<211> 554
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (554)
<223> n = A,T,C or G

```

```

<400> 5114
gaagagcttc tgcaggggct gagcagaccc cagggcctct tagccaatcc ccgggcctgg      60
tgaagcaggc gaagcagatg gtcggaggcc agcaactacc tgcacttgcc gccaaagagt      120
ggcaatcttt taggtctctc ggggaaggccc cagcctccct cccactgaa gaaaagaagt      180
tggttaaccac agagcaaagt ccctgggccc tgggaaaagc ctcatcacgg gcagggctct      240
ggccmwtagt ggctggacag aacttggcac agtcttgctg gtctgctggg agcacacaga      300
cattggcaca gacttgctgg tctcttggaa gagggaaga ccccaaacca gagcaaaata      360
cacttcagc tcttaaccag gctccttcca gtcacaagt tgcagaatca gaacagaagt      420
agtaccaatt caatgttcac atgaacaaac aagctgcccc caggggtacc attttgggga      480
gggggaatct tttttttct tttcccttt aaaaaaaaaac acntttgncc cgaacatttt      540
cccatTTTTt tttt

```

```

<210> 5115
<211> 477
<212> DNA
<213> Homo sapiens

```

```

<400> 5115
gctagactca agctgtctgg agagtgtgaa acaaaagtgt gtgaagagtt gtaactgtgt      60
gactgagctt gatggccaag ttgaaaatct tcatttggat ctgtgctgcc ttgctggtaa      120
ccaggaagac cttagtaagg actctctagg tctacccaaa tcaagcaaaa ttgaaggagc      180
tggtaccagt atctcagagc ctccgtctcc tatcagtcgg tatgcttcag aaagctgtgg      240
aacgctacct ctccctttga gaccttgggg agaagggtct gaaatggtag gcaaagagaa      300
tagttcccca gagaataaaa actggttggt gccatggcag ccaaacggaa ggctgagaat      360
ccatctccac gaagtcctgc atcccagaca cccaattcca ggagacagag cggaaagaca      420
ttgccaagcc cgctgcagtc tgcaaaggtc ttcacaaatc agaatcaact ggtaatt      477

```

```

<210> 5116
<211> 957
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature

```

<222> (1)...(957)

<223> n = A,T,C or G

<400> 5116

aatgtat	ttcagta	agc	acccagag	gc	ctccattc	gctgttt	ttt	cagatg	cccca	60
aatgcat	att	tgggcatt	ag	aaggtct	gtc	gcacttag	ta	gcagcat	cat	120
tagattt	ggga	gttgtcc	aga	cgacact	acc	agctatc	ctt	aatactt	ttgt	180
agaggc	agtc	gacaagt	act	ttaagct	tcc	tcattg	cttcc	agtaaacc	acc	240
aggaagc	ctt	gtggacac	tt	catataaaa	c	attaagatt	tt	gcattcag	ag	300
aactgcc	atc	tatcgaata	a	ctactac	att	tggatga	acat	ctgaatg	ctg	360
tgcagaac	at	cagaaaag	ac	ttcaacag	tt	cttggag	ttc	aaagaat	agt	420
aaactgt	gtt	cattacac	t	ctgataca	ac	tacagat	ggg	acagtaa	atg	480
ttggatc	aga	agaaaac	gga	ctaattag	at	gcttcct	ttt	tcgtggg	tggt	540
actatac	ttt	aatgggag	aa	atcatgg	aaa	gaaattct	ca	acagaata	aac	600
cttttct	gta	ccgattg	ctt	tttgtgt	gtg	tggatata	aa	aatcttt	at	660
agaagcat	t	atggcag	tcc	gaaatgt	ctc	tagctcat	at	aactta	atag	720
aaaactt	ttta	gaattt	actt	ttgaaa	aggag	ggaagcc	ag	tctgaa	atga	780
atttcata	gt	ccncc	taatt	aagag	tttag	ctcntt	ggta	aactcca	aat	840
tttaagt	gga	gttccatt	ta	ctggaag	gat	taaaat	gggt	acagtgc	ccag	900
caaaaat	att	gtctacc	ggc	ntatttt	tggt	aanccg	ttag	gttggg	gttt	957
								tggttcc		

<210> 5117

<211> 534

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(534)

<223> n = A,T,C or G

<400> 5117

ctttttta	ag	caaagc	agtt	tctagt	tta	at	gtagcat	ctt	ggacttt	ggg	gcgtcatt	ct	60
taagctt	gtt	gtgcccg	gta	accatg	ggt	tcc	tcttgc	tctg	attaacc	ctt	ccttcaat	gg	120
gcttctt	cac	ccagacac	ca	aggtat	gaga		tggccct	gccc	aagtgtt	ccg	cctctc	gt	180
taaacaaaa		cattctaaa		gccatt	gtt	c	ttgctt	catg	gacaagag	ggc	agccrgag	ag	240
agtgccagg	g	tgccctg	gtc	tgagct	ggca		tccccat	gtc	ttctgt	gtcc	gagggcag	ca	300
tggtttct	c	tgagct	gtc	agacac	agcc		tgccctag	ctc	ctaccag	ctc	acagcag	cac	360
ctgctctc	ct	tggcag	ctnt	ggccat	gaca		accccag	aga	agcagct	tca	gggaccg	agt	420
cagattct	gt	tttgtct	aca	tgccct	ctg	ccc	gggtgc	cggt	attgagg	ccac	ccagggag	ct	480
gttactg	ggc	tggaaat	agg	tgatgt	ctg	ct	acctct	gctg	ctgcact	ccac	agcc		534

<210> 5118

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5118

caytygk	cag	gggmsag	ggg	acagca	aggt		gggaggt	tga	agagctt	tga	ggctcag	cag	60
catgttt	gtg	gcattcg	gtg	gacacc	atgg		ccttggg	cg	ctggac	aggt	ttttgt	gatg	120
tgargg	acay	gcatggg	gca	catggta	agc		ttggca	aggg	ctccagg	aac	gctgac	gaag	180
ggtttt	tagga	ccccac	ccc	catgc	ctgta		ccaggg	ctg	cctccag	agc	gggtgag	gac	240
agagcag	ctg	tgggctt	tttc	attctg	aggt		cttggc	cccc	ctggcc	accg	caaggg	gactc	300

<210> 5119

<211> 598

<212> DNA

<213> Homo sapiens

<400> 5119

tttcagcttt	cgttaccagc	aggagctgga	ggaggaaatc	aaggaattat	atgagaactt	60
ctgcaagcac	aatggtagca	agaacgtctt	cagcaccttc	cgaacccctg	cagtgtctgt	120
cacgggcatt	gtagctttgt	acatagcctc	aggcctcact	ggcttcatag	gtcttgaggt	180
tgtagcccag	ttgttcaact	gtatggttgg	actactgtta	atagcactcc	tcacctgggg	240
ctacatcagg	tattctgggc	aatatcgtga	gctgggcgga	gctattgatt	ttgggtgccg	300
atatgtgttg	gagcaggctt	cttctcatat	cggtaatcc	actcaggcca	ctgtgagggg	360
tgcagttgtt	ggaagaccat	ccatggataa	aaaagctcaa	tagcatctta	acgtgaagat	420
caaacaagaa	cacaacaagc	ccctactgat	ttctgggttt	ctgccacggc	cacaggttca	480
tatccagagg	aatggcagat	ctgagacgat	ccaggaagag	ctaaaacatg	gccctgtaat	540
aaatgagcag	acctctcctg	tggtttcaaa	ttattaaaca	cacttccatt	tctcttgg	598

<210> 5120

<211> 1416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1416)

<223> n = A,T,C or G

<400> 5120

agtgagtggg	cttaccaaaa	atccagtatc	cttgccatcc	ttgccaaatc	ccactaaacc	60
aaacaggcgt	tccttctgtg	cccagtccta	gtattcaaag	gaaccctact	gccagtgtgt	120
caccattggg	aacaacactt	gctgtgcagg	ctgttccaac	agcacactct	attgtacaag	180
ccacaaggac	ttctttaccc	acagwgggcc	catcaggact	ctatagtcca	tcaactaatc	240
gaggtcctat	acagatgaaa	attccaattt	ctgcatttag	tacttcgtct	gctgcagaac	300
agarcagmwa	taccaccca	agaattgaaa	accagacaaa	caaaacaata	gatgttctgt	360
tcagtaagaa	agcagctgat	agcacatcac	agtggtgaaa	agccactggc	agtgattcaa	420
gtgggtgtcat	tgatctcaca	atggatgatg	aagagagtgg	agcttcacaa	gaccccaaaa	480
aactaaatca	cactcctgta	tcaaccatga	gttcttctca	gcctgtgtca	cgaccattgc	540
aaccataca	accagcaccg	cctcttcaac	catctggggg	gccaacaagt	ggaccatctc	600
agaccaccat	acacttacta	cctacagctc	caactaccgt	gaatgtaaca	catcgtccag	660
taactcaggt	gaccacaaga	ctccctgtac	caagagctcc	tgcaaaccac	caggtgggtt	720
atacaactct	tcctgcacca	ccangctcag	gtcccttgcg	gaggaactgt	tatgcaggct	780
cctgtctgtt	ggcagggtcaa	tcacccaaaat	agtnntacag	ttcgagtggc	tcaaacaacc	840
acatatgttg	taaacaatgg	actaaccttg	ggatcaacag	gacctcagct	cacagtgcct	900
caccgaccac	cacaagtgca	tactgagccc	ccacgcccgc	tgcacccagc	acccttacca	960
gaagctccac	aaccacagcg	tctgccccca	gaagctgsca	gcacatctyt	gcctcagaag	1020
ccaccccact	tgaagttagc	acgcgttcag	agtcaaaatg	gcatagtact	gtcatggagt	1080
gtcctggagg	tggatcgaag	ctgtgccact	gttgatagct	accatctcta	tgtttaccat	1140
gaggaaccca	gtgccactgt	gccctcacia	tggaaaaaga	ttgggggaagt	caaggcactt	1200
cccttgccca	tggcatngtt	actctcacc	agtttgtatc	tggtagcaaa	tactactttg	1260
cagtacgagc	caaggatatt	tatggacgtt	ttgggtgctt	ctgtgatcct	cagtcaacag	1320
atgtgatctc	ttctaccag	agcagttaaa	cttgggagct	ttaaaatttc	ccctttaaaa	1380
tttcaactttt	gggcctgggt	ttaatctgtg	catgaa			1416

<210> 5121

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5121

gctgcattctg	caatgaggat	gccaccctac	gctgcgctgg	ctgcgatggg	gacctcttct	60
gtgcccgcctg	cttccgggtg	gtgcagggtg	aatgttctgt	gcgagagctc	aagggctgcc	120
tggatccctg	acttgatatc	ctttgttcca	cagagagggc	catgatgcct	ttgagcttaa	180
agagcaccag	acatctgcct	actctcctcc	acgtgcaggc	caagagcact	gaagacaccc	240
tggtcctccc	ggaagggcag	tcccacaggc	agcggcaccc	atttctgggc	ccgcccacag	300

<210> 5122

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5122

gtccttgctcc	agcctccaag	acccacaagt	cccttcctct	gggaagcccc	cctggcctgg	60
aggtgcacca	ggaagaagtg	gtctggggct	ggcactaagc	catggcccag	ggaagactgg	120
gggacccact	aggccaggat	gagacctgca	cgcagtggct	cacagcagca	cgatttgtga	180
cagcccggag	cggagaacac	cgaacaccca	gtgaagggtga	ggggatcagc	acggcgcggc	240
cacccacgca	cccacgcgct	ggaatgagac	tcagccacaa	ggaggtgcga	agctctgacc	300

<210> 5123

<211> 634

<212> DNA

<213> Homo sapiens

<400> 5123

caagagagag	tgatagaatt	ggcagtgaag	tatacgaacc	accctcctgc	cctctggggt	60
cacaatacgt	gtacacttga	ctgtgaagtg	gctgtgagag	tgggtggaga	gttcttcttt	120
gacctcagc	ctgcggatgc	ctctagaaac	ctcgtgttga	ttgcaggagg	agtcggaatt	180
aacctctgc	tttccatcct	gcggcacgca	gcagcatctc	ctcagagagc	aggcaaacaa	240
aagaaatgga	tatgagatag	gaacaataaa	actattctac	agtgcacaaa	ataccagcga	300
actcctgttt	aagaaaaata	tccttgattt	agtaaatgaa	tttcttgaga	agattgcatg	360
cagtttgcct	gttacaaaac	agactacaca	aatcaatgcg	gaactcaagc	catacatcac	420
ggaagggaaga	ataacggaga	aggagataag	agatcatatt	tcaaaagaga	ctttgttcta	480
tatttgtggc	ccacctccaa	tgacagactt	tttctccaag	caactggaaa	acaaccatgt	540
acccaaagaa	cacatttgcct	ttgagaagtg	gtggtaggag	gcagacaaaag	gcagaaaaaa	600
taaagagggtg	agatctactc	aggaaaaaaa	aaaa			634

<210> 5124

<211> 672

<212> DNA

<213> Homo sapiens

<400> 5124

ggccaaagag	gtgctacatg	cattgaaaga	aaaggttact	tcactacctg	acaaccataa	60
aaatgccctt	gctgctaaca	tagatgaaat	tgtattttaca	tcaacaggag	acatctccat	120
ttactatgat	gagaaaggaa	ggaagtttgt	taacatcctg	atgtgctttt	ggtatctaac	180
cagtgccamc	atccccagtg	aaacttttaag	aggagccrgt	gtattccagg	ttaagttggg	240
gaatcagaat	gtggaaacta	aacaacttct	tagtgcaagc	tatgagtttc	agagggagtt	300
cacacaagga	gtaaagcctg	actggaccat	tgacggatt	gaacactcaa	aattattaga	360
ataattttct	tggaaaaatc	agcttatgga	cttttagcagt	tgctgtgaaa	aactaaggaa	420
gaaaaatttt	ggggtcattt	gatcttcaact	taatctaagt	ctgtgaatta	cttttatatt	480
attttgaaat	actccttgca	gtatattggc	atgatacagt	aaaagcattt	tcacagatt	540
gttatcacct	tctttaaaag	aagtcaaaat	ttaaaaaata	caatagcacg	ttgttggtgt	600
catattcaat	aacattttcca	atgctacata	taattttata	gacataataa	agaagggtatt	660
gaaaaaacta	aa					672

<210> 5125
 <211> 738
 <212> DNA
 <213> Homo sapiens

<400> 5125
 catttgtaaa gctgcagga aagagggtcc acttcccagc aaccccatcc taatggctta 60
 tggcagtatc tcaccttcag cttatgtatt agagattttt aaagggatca agtcgagtga 120
 gctggaagaa tctctacatt gtgctgcect tctcttatgt ccagacatt cttaaactct 180
 ttaacgaatt cattcagctg ggctctgatg ttgaacttat atgccgggtgc ctcttcttcc 240
 tccttaggat tcactttgga cagatcacta gcaatcaaat gcttgtgcca gtgatagaaa 300
 aattaaggga aacaaytatt tcaaaagtca gccaaagtcc ggatgttatc ggcttcaata 360
 tggctggtct tgattatctc aagagggaat gcgaggcaaa aagtgaagtt atgttttttg 420
 ctgatgctac tagccacttg gaagagaaga agaggaagag gaaaaagagg gagaagttga 480
 ttctaacgtt gacttagaac tgaaatgtgg tatctttttt tttttcaaca tttttccttt 540
 aaaggactcc taaactaagc acagaagagt tggcgctatc ttaaaaatac caagtaacag 600
 aagatcgcat tgcagatgat atcaggatgt ggtttccagc tttgcctgag ggaattccaa 660
 catgagatta tgggctggct ccatttcttg gacttaaaat gcattattag tttaaaaatc 720
 tttctgtgct ctcaaagc 738

<210> 5126
 <211> 1203
 <212> DNA
 <213> Homo sapiens

<400> 5126
 gcactgtttt agctcttgcc aaacctcctt cgccctgtgc gccaggtaaa agcagtcagt 60
 tctcggcagg ggccgaccgg gcaacttccc cccttgtgtc cctctaccct gctttggagt 120
 gccgggccct cattcagcag atgtccccct ctgccttttg tctgaatgac tgggatgatg 180
 atgagatcct agcttcgggt ctggcagtggt cccaacagga atacctagac agtatgaaga 240
 aaaacaaagt gcacagagac ccgccccag acaagagttg atggagacc agggattgga 300
 caccatctcc caaccccagg gactcgggca aggggtgccg agatagacaa gaggcacaca 360
 gagacagacc aactggcagc caggcagccc cagaggagag agacattcag acagaggaaa 420
 gtctccctgc ccctcattcc ttccaagatg agaaaaactt gccgccaccc ccgacactg 480
 atgccaggga ggtgggagga agaagtggga aatttccctt ccagtagccc ccaagaacgt 540
 ctgagccttc aatgttgaat tttttcttta ttaaaattac ttttatctta taaaatcaac 600
 taatcaaaaa tgatatagac gacagcactg gctctgtgaa ggtggcatct ttctgggcag 660
 gcaggccatg gggcatggag gaggggtgcaa agatatgggt tgctgtcttc tggcctccag 720
 ctgcatggag gccggcccag ggtctaggggt gtgactggg caagggcagg gcggcagggtg 780
 tcaggccggc ttggacaatg aaacctgac ctgtctgcat tccttttgc tccaccacca 840
 ctagcttctt tggaaatctg ggggtgggggt catctttggg gattatggct gccaccggg 900
 atttgagtgt agggagtgtg ggagcagcct tggcagatkg gcaccctgct cctgcagggtg 960
 ttgacaagat ccgccatctg taatgtcctt ggcacaataa aaccaaagt cagtttccct 1020
 gagccccgac tctgttctgt gtggggcagg ggttggggcg gccctggggc agaggatgca 1080
 atggcacgga ccttggttg acctcagagg tgtgaatgct ctccagcagg gtctgtctgg 1140
 gggcctggag tttgtatttg atttgctgct tattaaacct ccttctggac ctattgccac 1200
 tgg 1203

<210> 5127
 <211> 669
 <212> DNA
 <213> Homo sapiens

<400> 5127
 aattactgga acccgaggagg cggaggctgc acagtgagcc aagattgcac cactgcactc 60
 caggctgggc aacagagtgt gactccgtct caaaaaaca aaaacaaaaa saacttcksc 120

```

ctmckmsrca gactcctccc ctggtcacca ctagtgatcc accttatgga tctcccaagg      180
ccacctctgc ctctgctctg tgttgattta ttggggggac ctgtggtctg gcatgcattg      240
tacttggtks cccaaagggc tgtggcatct gataagtgat ttatcctcag gcacagattt      300
gcactatgtc acccacttac ttgtatgtag aagtgaagtc cgggtgggca aatgggcata      360
gctgctgggc agtggatgca gctccatgca tgttattctc atttgataca ggatctcatt      420
ggcttctcac agcaatcctg tgcactatag gtattgctcc cgggaacaga tgaggaaaca      480
ggagagtgcg agattacagt aattttgtaa atgggaggat ttgtgaaggt ttcagacata      540
caccctctct catatgtcaa ggatatgaag tctaataaat cccctaaagc agcaggggtt      600
ggcaagcttg tgccctgggg ccaaatcagc ctactgcctg tttttgtaaa taaagtttta      660
ttggaacac

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```

<210> 5128
<211> 476
<212> DNA
<213> Homo sapiens

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```

<220>
<221> misc_feature
<222> (1) ... (476)
<223> n = A,T,C or G

```

```

<400> 5128
ggtgccatgg agttcaccat ctgcaagtca gatatcgtca caagagatga gttcctcaga      60
aggcagaaga cggagaccat catctactcc cgagagaaga accccaacgc gttcgaatgc      120
atcgcccttg ccaacattga agctgtggcc gccaaagaaca agcactgcct gctggaggct      180
gggatcggct gcacaagaga cttgatcaag tccaacatct accccatcgt gctcttcacg      240
cgggtgtgtg agaagaacat caagaggttc agaaagctgc tgccccggcc tgagacggag      300
gaggagtccc tgcgctgtgt cgggctgaag gagaaggagc tggaggccct gccgtgcctg      360
tacgcsacgg tggaacctga catgtggggc agcgtagagg agctgctccg cgttntataa      420
ggacaagatc ggtgagnagc agcgcaagac catctnggta gacgaggacc agctttt      476

```

```

<210> 5129
<211> 340
<212> DNA
<213> Homo sapiens

```

```

<220>
<221> misc_feature
<222> (1) ... (340)
<223> n = A,T,C or G

```

```

<400> 5129
aatcccacaa agcctagcac caaacttctt tttttcttcc ttttaattaga tcataaataa      60
atgatectgg ggaaaaagca tctgtcaaat aggaaacatc acaaaaactga gcactcttct      120
rtrcamwarc ymkagactrk tswcwmwcag atggttgctc agggacaagg tgccctccaa      180
tggaatgcg aagtagttgc tatagcaaga attgggaact gggatataag tcataatatt      240
aattatgctg ttatgtaaat gattggtttg taacattcct taagtgaaat ttgtgtagaa      300
cttaatatatc aggattatng aaanaatatt ttgtggtata      340

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<210> 5130
<211> 610
<212> DNA
<213> Homo sapiens

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<400> 5130
gttaacttct ctgagagagt tccttgtaag gctacttata aatagtagta tatatatata      60

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tagtttatgg	caggggaagat	ctgggaagta	agcaaaaaga	gccttttagtt	aggcaacata	120
gaacaaaata	gaggtcacag	gttccatgca	ctgaagaatg	gaattgaaat	agagactcca	180
gggtcataga	ctcttggaag	gaagactaga	gtacattcat	gacctcacc	cttaattact	240
tcacaggtga	gaaaaccaag	agctacagaa	aataagttat	tectcagywc	cagggcctrs	300
ytcttggag	aattgggtta	aaattcaaaa	taaccttcta	aaaaattctt	tcagaaacga	360
gtagtgaag	ccagtggatc	aaattcagtg	atagttaaca	gagaaacagc	agcatagata	420
agtaagccaa	tttaatgtag	ggagcaacca	ctagtgtaca	tgatctcagc	tcacttggtta	480
ctaccaagta	aaaatgaacc	tgggccagcc	acagtgactc	atgocgtgtac	tctcagcgt	540
ttgggaggcc	aaggtgggag	gattgtttga	ggccaggaat	ttgagaccat	cctgggtcaac	600
atagcaagac						610

<210> 5131

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5131

ctgtgaagta	tatgtaacat	gagcgagcgc	taggggaacg	cttcaaagca	gtaggcagac	60
atcattgttg	agctaaacta	agcacagtgc	ctatagacca	gggtgctatg	aacaggcgga	120
aagagtgttg	acaatcagaa	attgtcaatg	gtaattgcaa	ataggaagac	gcaagggcag	180
aatggcagct	gcaagcactg	atttgcaatt	atgccacttt	cactgggaac	tctgagtact	240
ccaggggtggg	tagctgctgc	agcttgcttt	cttctaata	ggattaatga	ttactttgag	300

<210> 5132

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5132

gcatectctg	atggcactgt	aaagatcttg	aatatgaaga	ccacagaatg	ttcaaatacc	60
tttaaatccc	tgggcagcac	cgcagggaca	gatattaccg	tcaacagtgt	gattctactt	120
cctaaaaacc	ctgagcactt	tgtggtgtgc	aacagatcaa	acacggtggg	catcatgaac	180
atgcaggggc	agattgtcag	aagcttcagt	tctggttaaaa	gagaagggtgg	ggactttgtt	240
tgctgtgccc	tctctccccg	tgggtgaatgg	atctactgtg	taggggagga	ctttgtgctc	300

<210> 5133

<211> 757

<212> DNA

<213> Homo sapiens

<400> 5133

gctgccacca	ccccggggcc	cagcctgtct	gaaagtccag	ggtttagggc	gagaaacccg	60
gtggggaggg	gtggggagcc	ggagctctgt	ggcggggctg	gagggctggg	gtgcacttta	120
gtttggggcg	ggacgggagc	cgcctgtgtg	actggcgtgg	tctggctgct	gctcccgaac	180
ggaggggtcg	gggttggttt	gctgggccc	cagagcccag	tgggtggctc	tgactcggct	240
ccctactccc	tgcacccagc	tgggcgcagc	cttggggcct	gcggtctgaa	tgtatccctc	300
ccctcagttt	taacctgagc	tgccgaacgc	acagtggggc	gggggcgagg	ctgggggaag	360
cggggcccaa	ttacggatcc	cgggagttac	aggtgccgac	gtgatgtcgc	ttctctgggtg	420
cccagctccc	ttcctgggtc	gagactagct	ctgggggtgg	cgggggcccc	cacacgctyg	480
ctcccgtccc	accctgcccg	tgtctgtgct	ctgtgectgc	tgtcagagcc	ctgggtggggg	540
aggatgtggc	cacctgaga	cccggaggag	acgggcgtct	gcctgggttt	gcggagagcc	600
gcttatgggt	gtgggtccgc	cagacacctt	gtttcaaggg	ggatgggcgt	gagcgggcaa	660
gcagagcatc	cccaccgctg	agcaagaact	ttttcttggt	tttaaaccat	cacgtccctca	720
tttcacattg	gaataaagtg	agtttttgaa	acctgcg			757

<210> 5134

<211> 1316
 <212> DNA
 <213> Homo sapiens

<400> 5134
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 tccacaatta aaaaaaaaaa aagaaaaaaaaa actcattgar atagctacag ttctataggt 120
 taattttaaag cctccttttt ctactcattt ttgaaascaa aattacattt tactatttta 180
 cataaccagt gaaaagacgt tgaaagccta cagctcactg tttttggtgc tctggaaatg 240
 ttgagggtgg gtttttaacc agtgattttt aacgtgcagt gaatttgta gacttttaaa 300
 caccagctaa ggtagtcaaa cttgatcccc attaaaaatc aaggaattag gggcggggg 360
 agggtttagg agtgatccag aatgacctcc cagaattact gtgcgtacaa ctttattttt 420
 cagagttttc attggaatgg taagagtttt atgaaagaca gttttaaaac ttattctgag 480
 ttaaataatta atacttttaa aaattattgt actagactta tcgcagcctt ttgaaagtag 540
 cagagtttca tcataccaca tatataacag agcataaatt ttctataatc aggcaccttt 600
 tgctgctttt gagtaagact gttttcctgt ttaagtgtta agcatcgcca gacataaaaa 660
 tctattctct cctctcgatt gtagcatagc ctgacagctc tagatacagc atttctatga 720
 tgaaaaatga gtatccatca ggaaatctag aagactagcc gtgttttctc agactccacc 780
 tttgtttgca ctctgttgcc tgtgaggagc tttctggcat gtgattattt acttcaaaac 840
 tagagttcca agcacctaca ttaattattt tatatttgtt gcagaatagt atatctttta 900
 atgtcagata tgatacactg cacatattgc ttttgcactc ttaaaatttt tgtactaaat 960
 aatagaaaaat atttatattc tttgagtgtg agctttgaat agatggcatt atcactttat 1020
 tgtttttttt ttaacaaaaa ctttttctca attattctat tgcaatgtta ttctgagcaa 1080
 gtcctatgcc aaatatcttg tataatgttt gtatggaaga ttaaatttta ctcttgtgtg 1140
 gtaagactat ttcagttact gattttatag ttggaatttg atattccagc acaaagtcca 1200
 cagtgtattc agaaatccaa gttgggtgtc tacatttcat tttgatgtga acttttcttt 1260
 gctttccttt gttctaagac tccattttgc aataaacgtt ttgacagtaa aaaaaa 1316

<210> 5135
 <211> 377
 <212> DNA
 <213> Homo sapiens

<400> 5135
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 attgtaaatt cttacgtaca gcatcacaaa agacaaggaa tmctgtcata tctttttagc 120
 aaaatgakat tgcttaggtt cttgttgcaa aataccacat aatgaaatcc ttctgtttgc 180
 atgattaact gggtgagaat atcatctttc cttttgggtcc gtagaaatgt attattcact 240
 actccattct tgagggtttgt tttttaattt ttttgagagc agtctcactc tgttgcccag 300
 tctggagtgc agtgggtgcg tctcagacgt ctactgcaa cctctgtctc ccagggtcaa 360
 gtgattctcg tgcctca 377

<210> 5136
 <211> 550
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(550)
 <223> n = A,T,C or G

<400> 5136
 gaagacacca gtgggtggaat cgagtgtttg gccacagttc gggacctatg gtagaaaaat 60
 actcagtagc taccagatt gtaatgggtg gcgttactgg ctgggtgtgca ggatttctgt 120
 tccagaaagt tggaaaactt gcagcaactg magtaggtgg tggtttcttt cttcttcaga 180

ttgctagtca	tagtggctat	gtgcagattg	actggaagag	agttgaaaaa	gatgtaaata	240
aagcaaaaaag	acagattaag	aaacgagcga	acaaagcagc	acctgaaatc	aacaatttaa	300
ttgaagaagc	aatagaattt	atcaagcaga	acattgtgat	atccagtgga	tttgtgggag	360
gctttttgct	cggacctgca	tcttaaggnc	atgaatatcc	tcccataacg	gattcaacta	420
tgagaagaga	agtggcagca	ataaggcagt	ctctcaaaaag	tcatactgcc	agagtctcta	480
gggcaaggng	aaacancatg	ctgggcaata	ctcaattcac	aacttagcat	tttgccatct	540
tgaagcttgg						550

<210> 5137

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 5137

cgccagagca	gcagtgggga	acatcttctt	gtctgctgga	cacctgattg	ggccggttct	60
ctgccattcc	ttctgcaatt	acatgggttt	cccagctggt	tgcgcggcct	tggagcacc	120
acagaggcgg	cccctgctgg	caggctatgc	cctgggtgtg	ggactcttcc	tgcttctgct	180
ccagcccctc	acggacccca	agctctacgg	cagccttccc	ctttgtgtgc	ttttggagcg	240
ggcaggggac	tcagaggctc	ccctgtgctc	ctgacctatg	ytccctgggat	acgctatgaa	300
ctntgaccng	ctccccancc	ctccccacca	aggggttact	gcaggggaag	ggctagggtg	360
gggtccccga	gatcttaggg	aattttttta	gggggatttt	aagccagagn	tagtttgctg	420
tcccagggac	caaggagaaa	gaagcat				447

<210> 5138

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5138

cgacagctct	ccaataactca	ggttaatgct	gaaaaatcat	ccaagacagt	tattgcaaga	60
gtttaatttt	tgaaaactgg	ctactgctct	gtgtttacag	acgtgtgcag	ttgtaggcat	120
gtagctacag	gacattttta	agggcccagg	atcgtttttt	cccagggtgca	agcagaagag	180
aaaatgttgt	atatgtcttt	taccgggcac	attccccttg	cctaaataca	agggctggag	240
tctgcacggg	acctattaga	gtattttcca	caatgatgat	gatttcagca	gggatgacgt	300
catcatcaca	ttcagggcta	ttttttcccc	cacaaaaccca	agggcagggg	ccactcttag	360
ctaaatccct	ccccgtgact	gcaatagaac	cctctggggga	gtcagggaaa	gggggtgtgc	420
tgagttctat	aatataagct	gccatatatt	ttgtagacaa	gtatggctcc	tcccatatct	480
ccctcttccc	taggagagga	gtgtgaaagc	aaggggagctt	ngataagaca	ccccctcaaa	540
cccatccct	ctcca					555

<210> 5139

<211> 576

<212> DNA

<213> Homo sapiens

<400> 5139

gctacgtggg	aggetgagge	rgragaatct	ctksmreockm	rgaggmrgag	gttgcagtga	60
gccaagattg	tgccagcctg	ggcgacaggg	tgaggctctt	gtctcaaaaa	aaaaagtcca	120
catcttcatg	aaccttcaga	ctctggagtt	gggtgtcgge	tttttttagcc	agcttttgtk	180
ssrwtttsyk	wkracctatt	aaagaaggaa	agtgggtaat	ggagtcccag	ccactcaaga	240
gactggatat	cccccgagaa	tggcttgggt	taccagctat	ggacccttgg	aagatgaatc	300
taatccttct	cactgggttt	tctttgcaaa	ttcatttget	tttatttttc	taataacaat	360
aaactctatt	ttccatgttc	tcagggcccc	tgggtagaca	gacacagctt	gatttcagag	420
cagacatagg	cgaagaaaac	atggcattga	gtgtgctgag	tccagacaaa	tgttatttat	480
atacacatcc	aaatttgaag	agaaaatgta	tttcttttagg	tttcaaacac	tgtaatagat	540
ataaagcaaa	aataaaaaacc	tgttgcaaa	g			576

<210> 5140

<211> 631

<212> DNA

<213> Homo sapiens

<400> 5140

agtaccaga	gttgcgagga	gttttttaac	tgatttagcc	aggtggcaat	catgagtga	60
tggatgaaga	aaggccctt	agaatggcaa	gattacattt	acaaagaggt	ccgagtga	120
gccmgtkmgr	agawtgagta	taargsatgg	gttttaacta	cagaccagct	ctctgccaat	180
attgtccttg	tgaacttctt	tgaagatggc	agcatgtctg	tgaccggaat	tatgggacat	240
gctgtgcaga	ctgttgaaac	tatgaatgaa	ggggaccata	gagtgaagga	gaagctgatg	300
catttgttca	cgtctggaga	ctgcaaagca	tacagcccag	aggatctgga	agagagaaag	360
aacagcctaa	agaaatggct	tgagaagaac	cacatcccca	tactgaaca	gggagacgct	420
ccaaggactc	tctgtgtggc	tggggctctg	actatagacc	caccatattg	tccagaaaat	480
tgcagcagct	ctaattgagat	tattctgtcg	cgtgttcagg	atcttattga	aggacatctt	540
acagcttccc	aatgagagge	caggaagtgt	gaacatactg	atagaaaaag	actatatttt	600
atccctcata	aaatgtttta	aawrtaaaaa	t			631

<210> 5141

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5141

aagtatatat	gactccactc	aggggtgtaa	aagcaaccca	agcatcaaag	tctactcagc	60
taaagactaa	cagaggacag	agaaaagtga	cagtttcagc	taggacgaac	aggaggtgtc	120
agactgctga	agccgactct	gaaagtgatc	atgaagtccc	agaaccagaa	tcagaaatga	180
agatgagact	accaagacga	gccccaaaccg	cagcactaga	aaaaagtacc	acttaccctt	240
gccccatttc	tcaatgaaga	tctaagttag	gaaagacgat	ggaggtggaa	tcctttaaga	300

<210> 5142

<211> 699

<212> DNA

<213> Homo sapiens

<400> 5142

gtttcactgt	gcggtgcagt	gcggcggcag	ctcgtgagga	ggaccctgtac	atkgacacca	60
ccctgaaggc	ttgcccacct	gtcagtatgg	atgtctgtgc	tttaagaata	cagcttttca	120
taggcttgaa	agccatctgt	cactttaaaa	accacatcat	acttttgact	aaagcagaac	180
cctgaagcca	ttccagagag	aagacagtca	cccaagaggc	ttctttcgag	waarsatmcc	240
mktgyymmar	kcaaaatwcc	tgccwgtwkc	tgagrmtgag	ktgkaaytkg	tatattktgw	300
rtaykatcty	wccagtgcag	ctgtacaaa	agatggtaga	ctatagcaat	acctataaga	360
ctgtcaaaac	ccagagctgc	attcaccttc	tcagtgaaggc	tcatctgtta	gtgcgagctg	420
scctgatgga	tgccagtcag	ctggaacctg	gagagaaggc	agagcttttg	gaagcattta	480
aggaaagctg	tgggcacctt	ggggactgtt	acagcaggct	tgactcccag	cattctcatc	540

tcaccttgcc	atactataag	atgtctggtt	tgtctatggc	tgaagttctg	gcccgcacgg	600
actggacagt	agaggatgga	ttacagaaat	acgagagagg	attaaatctt	ttacattaaa	660
tccattccac	tttatggaaa	acctgggatg	taaggaatt			699

<210> 5143
 <211> 423
 <212> DNA
 <213> Homo sapiens

<210>
 <221> misc_feature
 <222> (1) ... (423)
 <223> n = A,T,C or G

<400> 5143						
caggtagtgg	ccccgtgaag	cagggccaga	gtcgggacaa	agagcaggag	tgaagcagcc	60
aagagacaga	ggaccaggct	ggagccagtg	ggcacgcagg	agcctgcctg	ggaagaagcc	120
ggggggcaag	gctggcatgg	gaatgaacac	ctgctgggtga	cacctctctg	agcttcagtt	180
cccttaacta	gaaaaataga	acaggccccg	tgcggtggtc	catacctgta	atcccagcac	240
tttagrkatg	rytgmrrcrr	ktrswtcwts	agrtcaggms	wcccwrracc	ayymwrrccg	300
acattggggg	attagcaatg	ttttgttact	tgggcatttt	caagaggcag	acatagtcca	360
gaagcagaag	nttgggcagg	tcccagatct	tgttctatag	ccctttatcc	tgaagctcgt	420
gcc						423

<210> 5144
 <211> 366
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (366)
 <223> n = A,T,C or G

<400> 5144						
gtccttcttt	actctagtat	ctctgccttt	ggtcagtcag	agagcatttg	atgagtacca	60
tgctgggctg	gaccccatcc	tggtgcctct	ggaagataga	gacaggtcac	cttgatccct	120
gcctgtagca	tttgggctgg	ctgagatggg	ggargtggtga	acagaatatt	ccagtcaggt	180
gtcctctgtg	gtagggatgg	ggatggaccc	sggagaggcc	ctcctgttcc	tggcaggagg	240
tgggactcag	agttaaaagt	gaggtcaagr	cccagtcgca	tggttcacac	ctgcagtcct	300
agcacttcgc	gganttnagg	tggtacacca	gaaccnngta	gttcaagacc	agccttggan	360
aaanat						366

<210> 5145
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 5145						
ggttctacca	gtgcctacac	caagagtggc	tactgtgtca	acagggtttc	ttcacttctg	60
ccaggaggca	acaggcgaaa	ctcaacagca	aaagactaca	ccattctaga	ttgcattttac	120
aatgaggtaa	accagaccta	ctacgtttctg	gatgtgatgt	gctggcgggg	acaccctttt	180
tatgattgcc	agaactgattt	ccgattctac	tggatgcatt	caaagttacc	agaagaagaa	240
ggactgggag	agaaaaccaa	gcttaatcct	tttaaatttg	tggggctaaa	gaacttcctt	300
tgcactcccc	aaagcctgtg	tgatgtgcta	tctatggatt	tcccttttga	ggtagatgga	360
cttctcttct	accacaaaca	gaccactac	agccccggaa	gcactccctt	ggtgggctgg	420

ctgcgcccta	catggtgtca	gatgtccttg	gtgtagctgt	gccggctggc	cgctgaccac	480
caagccagac	tatgctgggc	accactccag	cagattatgg	agcacaagaa	gagccagaag	540
gaaggcatga	aggagaaact	cacacacaag	gcctctgaga	atgggcacta	tgaattggag	600
cacctgtcta	ctcccaagtt	gaagggttct	tcccatagcc	cagaccaccc	tggatgcctc	660
atggagaatt	aaagagagaa	gmctccttaa	ggagccacag	gatggtacct	ggccccaaaa	720
ggaatcctgg	agaggaggac	agtgacaaca	ggtgacttya	ttcttttagag	tgaactttcc	780
aaaccagtc	cagctggaaa	cagcttatct	ataatctgaa	atgctggctc	aaacagttat	840
ggggagggttc	ccagattgag	tagcattcag	attgatttga	gcagctccta	ctgtgataag	900
tgtatccag	atccacaatg	taaatatatg	tgattttgta	gaaaaaaaaa	aa	952

<210> 5146

<211> 431

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(431)

<223> n = A,T,C or G

<400> 5146

gcaccagcag	gtagtggccc	ctgtaagcag	ggccagagtc	gggacaaaga	gcaggagtga	60
agcagccaag	agacagagga	ccaggctgga	gccagtgggc	acgcaggagc	ctgcctggga	120
agaagccggg	gggcaaggct	ggcatgggaa	tgaacacctg	ctgggtgacac	ctctctgagc	180
ttcagttccc	ttaactagaa	aaatagaaca	ggcccgggtgc	ggtggctcat	acctgtaatc	240
ccagcacttt	agrkatgryt	gmrrcrrktr	swtcwtsagr	tcaggmswtc	mwkaccaccm	300
tkraaacccg	attgggggtat	tagcaatggt	ttgttacttg	ggcattttca	agaggcagac	360
atagtccaga	agcagaagnt	tgggcaggtc	ccagatcttg	ttctatagcc	ctttatcctg	420
aagctcgtgc	c					431

<210> 5147

<211> 1101

<212> DNA

<213> Homo sapiens

<400> 5147

tgaaaagggt	aaacctgttt	cacctcccaa	atztatatat	tcaaagtatt	tacttaaaat	60
tcagaagcca	gaagtccatg	tcattgattac	caggaagttc	aggccagaat	gaatccctag	120
agaagccagg	ccaagcctgg	ataattgcag	ctggatgacc	ctggcccga	agtcacagtt	180
maktckgmy	kakkcctagt	tcaggcttac	tatctagaac	ctcatgctag	cttaggttgc	240
atgtttacat	tgctgcagtg	tctttactgg	aagcttagtt	ggatcgaaat	ggacaccgag	300
atggagatgc	ttctggctac	atttcgcaga	accccaggag	acctgcattt	agaccactct	360
gtccatttgt	gtgcccaccc	ccacccccag	ggtctaagtg	tagactccaa	gaggagcagc	420
ccagagcttg	gaggagaggt	gtgtctgggg	saccactggt	gggtggtgct	gctcttcttt	480
ttgttttagt	taatgcggtg	tcttttaagt	gactctcagg	cctcccagac	agccttggtc	540
ctttaaggca	gaagctcttc	ttcattgtgt	accycctggg	attcatgagg	tgtgagattt	600
ggcctgcttg	actttgaatt	caagtttttc	aagtgactct	cagtgtcaga	agaagatttc	660
atgctgtcca	catgtggtat	gtccacagct	caccttcaaa	ggcttagatg	tagccatcac	720
agagagtgg	attttatata	gaacccaagt	cccagcctga	ccaacatggw	gaaaccccat	780
ctctactaaa	aatamaaaat	tagccggggc	tattggcggtg	cgctgtaat	cccagctact	840
caagaggctg	aggcaggaga	atcgctgaa	cccagaggcg	gagggtttag	tgagccgaaa	900
tcacaccatt	gcactccagc	ttgggcaaca	atagcgaacc	tccatctcaa	attaaaaaaa	960
aaatgcctac	acgctcttta	aaatgcaagg	ctttctctta	aattagccta	actgaactgc	1020
gttggggagc	tgcttcaact	ttggaatata	tgtttgccaa	tctccttggt	ttctaataag	1080
taaatgtttt	tatatacttt	t				1101

<210> 5148
 <211> 515
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(515)
 <223> n = A,T,C or G

<400> 5148
 ggaagaggga cgccgagaag aaggacctgc ctgtcaccaa aaacacgctc aagtgcactt 60
 tccgggccct ccaggtcagc aggctgcccc gcagcggcga ggctgcagcc acgcccacca 120
 tgtccatgac cgtgggtcacc aaggagaaga acaagaaggt gatgtttctg cccaagaaag 180
 cgaaggacaa ggacgtggag tctaagagcc agtgcattga gggcatcagc cggctcatct 240
 gcaactgccag gcagcagcag aacatgctgc gggttcctca tcgacggcgt ggagtgcagc 300
 gacgtcaagt tcttccagct ggccgcgcag tggttcctcg cacgtgaagc acttcccat 360
 ctgcattcttc ggacactcca aggccacctt ctaggcccca cccaccaggg gggcccacct 420
 ccttgcccca ttgntgtgag ggggcccagc ttgcattttc ttgtttaaac attttcagtt 480
 ttaattacag aggacagacg tttnaaaaca caaag 515

<210> 5149
 <211> 710
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(710)
 <223> n = A,T,C or G

<400> 5149
 cagagctgta tcttcagtgg tgtgatgaag ctacagtagg ggagatcact catgctaggt 60
 atggatctcc ttacccttgg cctctgaatc atattttggc ctatcaaaaa cagtgggaag 120
 kcaaacgtaa grtgraagct atkggatggg gaaagaagac tctggaccag gtcttagagg 180
 atgtagacca gtgctgtcaa gctctctctc aaagactggg aacacaaccg tatttcttca 240
 ataagcagcc tactgaactt gacgcactgg tatttggcca tctatacacc attcttacca 300
 cacaattgac aaatgatgaa ctttctgaga aggtgaaaaa ctatagcaac ctcccttgctt 360
 tctgtaggag aattgaacag cactattttg aagatcgtgg taaaggcagg ctgtcataga 420
 gttatgtgtt agtctcagga gtcttaactt ttgaaatatg ttttacttga atgttacatt 480
 agatattggg gtcagaattt taaaaccaa ttactgcttt ttgaaacctc aaattatata 540
 atgtatctta tgtatgtgct ttatattgtt atttgtgtat acattaaaat aattctgaat 600
 tatttaattc gatatgttgt attctgtatc ttgaaatttt tgtttccttg aaacatgcat 660
 gcatttaaaa ataaagctta aacaactgta tggatgttaa aaaaaaaaaa 710

<210> 5150
 <211> 648
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(648)
 <223> n = A,T,C or G

<400> 5150

atttagtgag	atgtgtatcc	taggaagtgt	gtgcgcgtcac	ttgttcattt	acaactgcaa	60
agattgtatg	tctcctatgt	tttcctttca	tgccaaagaa	actcaccctt	tttaaaagcc	120
agcagggttg	acaaacccaa	aacaaaatat	tttgcccctt	aaataggcat	tttaagaagt	180
tttatttcc	ggtacttaaa	tattgtgtag	agggaaagct	agttgtaata	atgtgtaaaa	240
atgcgtgtat	tttttaggaat	gcgctatttc	cagtaaggga	agtattgaca	tttttaagga	300
actgtgctgc	attaaaaatcc	acagttgcat	gaaactttta	aaagttaag	atataaagta	360
attgctaata	tttgtgaact	actcagagga	ctcaatgccc	taacatgtag	gggattgac	420
attgcgatgt	ttaggccagg	atttctcatg	attgtatatg	gttattgac	atttttaagg	480
ggctgaacct	gctgccttta	tacttttgac	acctccctcc	ctccncccw	ccaaactgtg	540
gctgtaaaca	gtgactctgc	atagtcagcg	ttatacttga	ttctttgtg	aatgcaaata	600
aaataaaatt	tgtaagtcca	ccaaatattg	acttaactag	gtaaatgt		648

<210> 5151

<211> 906

<212> DNA

<213> Homo sapiens

<400> 5151

gtactttgag	tggttggggg	ttcaacacac	acatgcaatt	ttgcttaaca	aaagtatttt	60
ataatacagt	ttcatacaga	attaccttaa	aaggaggtct	tatgttttca	actacagata	120
gttgwaagg	atcataccag	aagatattga	tgatagtkga	aatattctta	gaaggggtgt	180
gtatgtccta	gctgtgtct	accatgtgta	tgtattcttg	acaagcagta	taaaatacct	240
gtgatttttc	ttacatttag	ggataatgca	taagggaatta	atcttcata	atattatcat	300
ccctaattga	gcagggggaa	gtattttaatt	gcccattgata	tgtattttac	ttatactatg	360
ccrgagrnga	aactataaag	taattacmca	tgtaatcttg	ggtttttcac	atatgtagg	420
attcattttg	agtaggttga	agaagaaaaa	aaatatttaa	atgaattgaa	ttcctgatgg	480
gatagtatca	ataagtattt	aaaagccagt	attctaaaaa	taataaagg	taggggtcatt	540
tttgagtttg	tttttctttt	gctattgtta	atattcaaaa	ttaaagtgtt	acattggtac	600
ctgttgctct	aatgcattta	ttgagaacag	cattgagatg	atgaacaagg	ggtagcaat	660
agcaaactct	ataattattt	tgactaatta	cttaagagga	aaacagtata	agtatctcat	720
tcagtattta	gcaattctgt	aaaataagta	ttatctctat	ttttcagatg	aggaagtaag	780
ggtttagcaa	ggttaagaga	tctatccaat	ttacacagca	agtttagtag	tgagcctgac	840
catgagctct	ctgactctgt	tcttttctact	atgcaatacg	caaacaataa	aatgtttatac	900
aatgg						906

<210> 5152

<211> 677

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(677)

<223> n = A,T,C or G

<400> 5152

caaagccgct	ccttcaaata	cgtctttgtg	cccactgcca	tagtcaacce	cgtgagaagc	60
acagccggcc	ctgggacttt	aggacaagg	tctcttcgga	aagggcggag	cagcatgaga	120
aagaatggat	ccctgcagag	acccctccag	tccgggatcc	ccactctcgt	ggtagsetcc	180
cycaracsc	gccccaccat	ggctcttcgg	cctcagcagt	tccaattcta	ccagccacag	240
gggatccct	cctccccctc	ascctgggtg	gtggagatgg	ggccaagcc	tgccctcacg	300
ggggagcccg	ccctcacgtg	catcancagg	ggcagtgagg	cccggttcca	ctccgcgcc	360
agctccctca	ttatggaaga	caaagaaatc	cccatcaaga	gtgagcctct	gccaaaaccg	420
cccgcctctg	ccccaccatc	catcctgggt	aaacagaaaa	ctcaagaaat	ggcatcgaaa	480
gcaagtcaaa	accgtgagat	ttcagaatta	cagccctcct	ccaccaaa	ttacacctcc	540
atccacctcc	ggaaagcctg	acagcagcac	cctcaaggcg	tccagctgaa	gcagcgtctt	600

gggccagaga tgacatctat ttgccaccga gtgctgcaact cggcaagaga agaactcgaga 660
agtagctctg caaggca 677

<210> 5153
<211> 301
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(301)
<223> n = A,T,C or G

<400> 5153
ggcagtgctg cgcggggctc ccagccctgc tgggaaggac cagggaacca ctcagcaatt 60
agaccctctt ggccctgccc ccaccatgca cccagcagcc agggagtgcg gcggkcagcc 120
tggcagtgag tgaaaccag gcttycagcc ctccaaagcc tggggccacc cctgttagca 180
ggcgatgcta gaataaggag gagagccaga gctgaggctc cttgcccctt ggcccctyca 240
ggggccatgg gatctctgtc tcccacacc ctgtcacggn ccgcttggan cancccatag 300
g 301

<210> 5154
<211> 427
<212> DNA
<213> Homo sapiens

<400> 5154
gtgatccgca agttgtggaa gaaatacgcc aagcaaataa agtagccaaa gaagctgcta 60
acagatggac tgataacata ttgcgaataa aatctygsy cramagaaaa tttgggtttg 120
aagaaaataa aattgataga acttttggaa ttccagaaga ctttgactac atagactaaa 180
atattccatg gtggtgaagg atgtacaagc ttgtgaatat gtaaatTTTA aactattatc 240
taactaagtg tactgaattg tcgtttgcct gtaactgtgt ttatcwtttt attaatgtta 300
aataaagtgt aaaatgcaga tgttcttcac ccttttgggt agaacaaaag caggatgata 360
accatatecc cccagtgtc atcaaagtag gacactaaaa atccatccat ctcagtcaaa 420
gtcgagc 427

<210> 5155
<211> 775
<212> DNA
<213> Homo sapiens

<400> 5155
cttcaggaac tagatgtata tgcacaaggg attgagttta cactaaaact aggaaatgga 60
gttttcaate tatgttcttg cctcttcata cttttattta tttttgtca tctgcctta 120
tactgggcta acaatgagat aaaataaaaa tacctttgaa tactcttttc cctttcatgc 180
atttaaagcc atggaggaa tagaccatta gctgttgccg tcacatgctt agacaccagt 240
ttacttagcg tgttatgacc ttctcacc atactaccaa atttaaattg gtcccgactt 300
caccctctgg aaggaagtaa actcttctct ccccatgggt tcagagcagt ttttacctgc 360
aagcaccatc tctgtatgtg ctcttactag attatacagt tcttgagagg gattgcatct 420
tggtgttttt gtatttccac ctcccccca gcacatagcc cagtctcttg cacaaattaa 480
gtacttaatg tgtgttgagc taaattgaat aaaggattat tagcattagc atattttgtg 540
ccttggttgt ataagctggt tgtttgtttt gttacctttg caaatattta tgattatcac 600
ccccccacat actaaattgt ttttaaaagt tttgccttct cttcagatac tccccaggc 660
aatttgcgtg agataatgtg attgcttcca atgacataat tatcccaaac tctctgcccc 720
ggatatactt tgccaaacga aatttgaatt ctctgaataa attggtcatg tctaa 775

<210> 5156
 <211> 713
 <212> DNA
 <213> Homo sapiens

<400> 5156
 gttggagaaa tccaaagctg accaaaacat ggccccacc ttttggagct tacagtctgt 60
 tctggggaac agagattcag ccaaagtcaa gaaacactgg atgccagcta gattatctgt 120
 tctgtgcttt ggtgtctata agtacatatg tggatatggg ttcattttat ccctaaactt 180
 agtaccaaac cagcatttaa tatctaatta taaatcta attgccctaaa ctttattatt 240
 gcacactgcc tgaacaaaac ctatttgtct ctatgtaaat tttttcctca tggacaagg 300
 gtgtgaaatg aaaatatttt aggatttatc caaacacaga ctattctgtt ttcagcttca 360
 gaattgttct ttgaatccta aggaacctct gtcaacagtt gaggttgctg ttgaaaagaa 420
 agaagaagga ggcggaaatc tctcagggag aattatttcc tttcttttct atttcagata 480
 cctggaggggg tgggggagaag taagaattgt aaggagggtt cagtagtggg gaattctgtg 540
 acagctgatt gaagatgatg atgaagaacc tctgcattct agttaccctt tgcttcgctt 600
 tcacctcttg taaaattggg ctggcaacaa tgacattgtc atgctttatg tccaatatcc 660
 tctgtctgag atctaattggt cttaatcgtg ccgtaaatgg aattccccca cca 713

<210> 5157
 <211> 529
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(529)
 <223> n = A,T,C or G

<400> 5157
 agcagctgca tctagggggc cttggtgaga tttacactca gagcctggtc gccccccgtt 60
 agcccagatt caaaagggtga acatctgttt gcagaatctg attcatgaga aggtgagttt 120
 attgttttca gtttagactt ttgggaagtt ggactagaga ggggagttgt tggggtcagt 180
 gctggcttaa cagaaaaacac agcgaatttc ccctccagtt ctccccaaat cactgaaca 240
 aggctagttc ctgcaccacc caggattcaa aggaaagacg aaggagagcag aacttgtggc 300
 agcaacaggt aaacttcaan aaggagggca ggatcccacc ctacagggtt ggganggganc 360
 ccaaaggccc catctgtttc tctccagga gttgtcaagg cagcagaaag gantcaccca 420
 gccaaaggag gagatggctc ancggggctg caccaagggg ccaagaggcc tnaccctgtg 480
 ctaaaccctc ctctcactcc cctaagcctg gtngaaaaga gtcagaaan 529

<210> 5158
 <211> 459
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(459)
 <223> n = A,T,C or G

<400> 5158
 ttcattttta aaaagcttct ctttattatg ttgttgttta acaactkaaa cgctatctct 60
 agaccaggaa taattatttg ctatatawta cagcaaaaaa tatgtatgta taaatggact 120
 cattcaaaat atataaagaa ctctatttac aaagaaattg acaaacagcc cagtatatca 180
 atgaatataa aaatttgaga agatattttc cataagaaga tatctaaatg aacattaggg 240
 atgagaaaac caaatttttag gatatcacta cacacctggg yrtagtttaa aagactggaa 300

aatattaagt	gtgtggggaa	tgtagagcaa	ctgaaaatgg	cctacatctt	tcataggaaa	360
tgttaaaacc	aatacaawta	ctttggcaaa	actctgtccm	acmtttteta	cccmtttcae	420
ccagggcact	yccttccctg	gcttttgggt	tnccccggg			459

<210> 5159

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5159

ggatgccttg	gggcagaagc	tgcccagaag	gccccagcca	gggcctggag	agcagctcac	60
agtcttccag	ttctggagtt	ttgtggaaac	cttggacagc	cccaccatgg	aggcctacgt	120
gactgagacc	gctgaggagg	tgctactggg	gcggaatctg	aactcggatg	atcaggctgt	180
tgtgtgaag	gccctgagat	tggcgcccga	ggggcgctctg	cgaagggacg	ggctgcgggc	240
cctcagctcc	ctgctcgtcc	atggcaacaa	caaggtcatg	gctgctgtca	gcacccagct	300

<210> 5160

<211> 540

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (540)

<223> n = A,T,C or G

<400> 5160

gtgggaactt	cccctactcc	ctggatgtgt	gtacctagca	cacttccttc	tcccacccct	60
ttttccagtt	ggatttggtt	ttctgttctc	ttctgtcctg	tcttatactg	caactgtgtc	120
tcctagggga	cagatggcct	tctttgtcat	cttcactctc	cacccccaga	gaggagtcag	180
agcmwtaact	caatcactca	gcccctccaa	agatagttga	tgtgtgataa	tctcataatg	240
ttgagaaccc	tgatgagata	cattgtcttc	ctctccctac	aatgcctctg	gggccaaggc	300
acccattctt	cttgctatcc	tccatccccc	ttgaggcttc	cacttttttt	tttttttagac	360
ataaagctgg	gcatcagcaa	ctgggcctgt	gggtgatgca	aagctgcttt	gctctgtatc	420
tgggctggga	cttgatctgt	ctcacaagga	aggccatgag	ggncataggg	ggaggaaggc	480
ttccttntcc	cccttcatct	ttctgnttcc	aaagggtggg	tagggcaagg	aggggagtta	540

<210> 5161

<211> 683

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (683)

<223> n = A,T,C or G

<400> 5161

atacgatggg	gtgcttgggt	gatggggccat	ggagggtccgt	gagctggaac	tgggcacacg	60
ccatcccaga	gggtctcagga	tgccccagga	aggaaagaag	ggcaacagac	tacacgattg	120
gacgtgtgtg	gttgactggg	atgaagttgg	agggaggggc	agggccttgc	aggggattgg	180
tactgatccc	agggaggaag	tgttggggct	tcatgaacta	ggatgaaagg	aggcccttga	240
gccatgacaa	ggggcacatc	caggatttcc	gccaccctga	atttagtaga	gctagtaggc	300
cctggctcgtc	actctgggca	gggatgccgt	cagccttgag	ggtcgccacc	cacctgtgtg	360
ttgccctctg	tccctggcggg	gaaacataca	ccccttgtct	caccaccaac	cttgccttgtg	420
tagtenrcag	ggctgcctcg	ccccaaaggac	tcactgcatg	taccgggacc	cctaggcctg	480

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gcctttgcag catagttggg agctttctgga ttccatctgc acctgtgagc cccatgctgg      540
ctgtgcaactg cgcgggcctg agactgctgg atacaatgtt gggcaacaac tcagccagcc      600
tgatggcagc ctcagaggct tactctaacc catcccagaa taaatggaga cttcatgtgt      660
tcattgtttc attcactcaa aaa                                           683

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<210> 5162
<211> 578
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(578)
<223> n = A,T,C or G

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<400> 5162
ctgacctttg tagagaatcg gaccttcgac atgcaatggc caattgtttt gaagcggttaa      60
taggagctgt ttacttggag ggaagcctgg aggaagccaa gcagttattt ggacgcttgc      120
tctttaatga tccggacctg cgcgaagtct ggctcaatta tctctccac ccactccaac      180
tacaagagcc aaatactgat cgacaactta ttgaaacttc tccagttcta caaaaactta      240
ctgagtttga agaagcaatt ggagtaatth ttactcatgt tgcacttctg gcaagggcat      300
tcacattgag aactgtggga tttaaccatc tgaccstagg ccacaatcag agaatggaat      360
tcttaggtga ctccataatg caacgtggta gccacagagt acttattcat tcatttccca      420
gatcatcatg aaggacactt aactttgttg cgaacgtcgt ttggtgaatn atagaactcc      480
aggccaagct agcggaggag ctgggcatgc aggagtacgc cataaccaac cgacaagacc      540
aagaggcctg tggggcttcg caccaagacc ttgggcgg                                           578

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<210> 5163
<211> 395
<212> DNA
<213> Homo sapiens

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<400> 5163
cagaaattca aataattctt ttctgcttca atgccagcag aagggtcccc aggtagacat      60
ggagaagcac tttgttttaa ataggagggt ttcatagttg catctgaagc cacctggttc      120
tgttwawstg ttrtcgtgca ggtwkwgggt ttggcattat tcatgtttct gatcaattct      180
atgcaactct catagtctct gttacttttt agcattagct gccaaatgac ttcaaaaggc      240
tgggggtggg gacttgactg tgagactgga ttataacatg gacaaatctt attttgctta      300
atgtgtttgt gtgtgtgtgt gtgtgtgtgt gtgtatgtat atatatatat ataaatatct      360
ttcccaatat gccccgttga cagtgtttta attcc                                           395

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<210> 5164
<211> 300
<212> DNA
<213> Homo sapiens

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<400> 5164
cagaaaacta gcaggttaca ttttatagga tattgtagtt ttattttacca aatgatattc      60
tctaaatcac ttcgaccaat aaatgtattc tctccttaa agcagagttg tatcaactct      120
gtgggagcat ttatgagctg tcagtcccca cacttctagc cagaatcaca ataaggctctg      180
gctgggtgtg ggggtgctga taggaaaggg tctctggaga agcaagaagg gcacaatcat      240
ggcccaactg tcccctcttc ttctcagtgc tctttgccct ctctgctgc gatgcttct      300

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<210> 5165
<211> 300
<212> DNA

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<213> Homo sapiens

<400> 5165

ccttcccacc	ttgtgagttc	tcccagcagt	tcctggattc	ccctgccaag	gcactggcca	50
aatctgaaga	agattacctg	gtcatgatca	ttgtccgtgg	gttttggtttt	cagataggag	120
ttaggtatga	gaacaagaag	agagaaaact	tggtcgtgac	cctgttatag	tggttatagt	180
ggtgtcccta	aagggaggaa	atgatttcag	caaaactggt	tgaacagcgg	atgaagatat	240
ggaattcaaa	gctctaatgg	acctttttga	agagaagttg	tggtttatgt	ggagtttaca	300

<210> 5166

<211> 655

<212> DNA

<213> Homo sapiens

<400> 5166

ccattgttag	catcgtaac	gattgtgatt	tttatgtcaa	agaagccaa	aacttgcaat	60
actattttta	gcagacaaaa	aaaagaacta	agtataaaat	gtataaatat	ttttgacttg	120
aacatttgga	tggtcactggg	tmmamgtaga	gcattccatcc	ttcggatgra	atgtttggaa	180
aaaagagact	tttaaaaagg	agacggttgt	tttaaagagt	ctgtttaggg	gttaaagtac	240
tgtaactcac	gactgttaaa	aaataaat	tcctgtgctg	taaaggagg	tttcacagta	300
ccactgagtt	agatttcagc	cacagatgct	tagctttttt	tttttgtctt	ttttttaagg	360
aggaagcctt	tgttttgttt	tcctgagccc	tcactctggt	tttggtgctgt	tactcggtag	420
agtcaagact	gttacttttt	agccatggct	gacattgtat	caataactaa	aactgaaaca	480
ttcaaaagcg	aacagggaaa	ccgagggtct	caagcgtgct	cagagccgtt	tcagacagtg	540
gaaatccatg	acaaacaaaa	ggatgtgatc	attaattgta	aagcgttttg	taaaattcac	600
atttacaata	taataaagtc	agttcaaac	taaaaaaaaa	aaaaaaaaaa	aaaaa	655

<210> 5167

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5167

cacctgtgcc	cccaggctca	aggtctctgg	caggtgcaca	ccagcccaac	tctgcagggc	60
ttctytccct	gccaccaccc	cccaagccag	gaccccaactc	cttccccgag	gctgagctga	120
gcctttttcca	ggggcagggc	ccaggagacc	attcccagaa	tccatggggc	agtagccagg	180
gctccggctg	ctggaggaag	cagctatcca	caaagcttcc	tgccccagag	ctgagggtga	240
ggccccggga	gaggcggccc	ctacccaaac	actggctgct	ggcattccac	caagtgaacc	300

<210> 5168

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5168

ttacttttga	ttgtgtctga	tgggaactga	gttgttgccc	tttgtgaaat	gaaatttttg	60
gctcttgaga	aagaattctt	atgaattggt	atgcgaattt	tatatattta	aagagggaga	120
tctggggctg	ttatttttaa	acactttttt	tcataatata	tattccccgag	tagatatatt	180
taaaatatat	gtttctttca	ttatgtgttt	gtaaaattag	agtttaaata	aatatgcttt	240
gatgcatagt	tttgaactaa	tgtaacatga	ttttcttttt	ttaaaacagc	ctgaaaatgt	300
actagtgttt	aaaaataaag	atttccattt	tctccaaaaa	aaaaa		345

<210> 5169

<211> 703

<212> DNA

<213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(703)
 <223> n = A,T,C or G

<400> 5169

cgcgacgggg	gttcagggaa	tatttactgg	gcctctccgc	tcctctctgt	cttgagggtg	60
ccatgaggtc	agttagctac	gtgcagcgcg	tggcgctgga	gttcagcggg	agcctcttcc	120
cgcacgcaat	ctgcctcgga	gacgttgata	acgatacgtt	aaatgwacys	gtsgygrsag	180
mcrycagmgc	ggaaggtgtc	tgtgtataaa	aatgatgaca	gtcggccatg	gctcacctgt	240
tcctgccagg	gtaatgctga	cttgcgttgg	ggttggagac	gtgtgtaata	aaggaaaagaa	300
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ggtgttggtg	gcttctgggc	accacgagac	actaatcgga	gaggagcagn	gnccagtctn	420
caagcagcac	atccctgcca	acaccanggt	catgctgac	agcgacatcg	atggagatgg	480
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gctagggtgag	ggtcctgaac	atctgacagg	gcagctggtg	tcctcaaga	aatggatgct	600
ggaggggtcan	gtnnagacagn	ctctcagtga	ctctggggnc	actnggtctt	cctgaactga	660
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<210> 5170
 <211> 404
 <212> DNA
 <213> Homo sapiens

<400> 5170

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rgtggagaca	cattcacaga	caaagccaac	agcggccttt	ctatggagtc	aattcatggt	180
cctgatcctg	tcatttcaat	agcaatgaag	ccttctaaca	agaacgatct	ggaaaaattt	240
tcaaaaaggta	ttggcagggt	tacaagagaa	gatccacat	ttaaagtata	ctttgacact	300
gagaacaaaag	agacagttat	atctggaatg	ggagaattac	acctggaaat	ctatgctcag	360
aggctggaaa	gagagtatgg	ctgtccttgt	atcacaggaa	agcc		404

<210> 5171
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5171

gttccccctt	tcttgtgaga	ctggtccagg	cagcccttct	ggacactgca	tgatcacagg	60
agcagccctc	tggcccataa	tgacggccct	gtcttcgcag	gtggccactc	gggcccgcag	120
ccgctgggta	aggggtgatg	ctagcctggc	ttattgcacc	ttccttttgg	cggttggtct	180
gtcgcgaatc	ttcatcttag	cacatttccc	tcaccagggtg	ctggctggcc	taataactgc	240
tgttgtcact	ccactctcct	aggcgctgtc	ctgggctggc	tgatgactcc	ccgagtgcct	300

<210> 5172
 <211> 593
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(593)
 <223> n = A,T,C or G

<400> 5172


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tattgactta agtggacagt tggaaactaaa atctgtaata ctagaagctt tctcatctcc      180
tagtgaagaa gtcaaactcag ctgcataccta tgcattaggc agcattagtg tgggcaacct      240
tcttgaatat ctgccgtttg tcttgcaaga aataactagt caacccaaaa ggcagtatct      300
tttacttcat tcttgaagg aaattattag ctctgcatca gtggtggggc ttaaaccata      360
tggtgaaaac atctgggcct tattactaaa gcactgtgag tgtgcagagg raggraccag      420
gaatgttgtt gctggaatgt ctagggaataa ctactcttaa ttgatccagg aaactcttcc      480
tccacgggst ttaagggggg actttgattc aggggttnatt catnattgnc ccgaagggtc      540
agtgggttta cgggctgttg aaattttnac aattttcttg naccctntcc aca          593

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<210> 5173

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(447)

<223> n = A,T,C or G

<400> 5173

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gacttctttg aaaaacctga ttatgagtat ttacggaccc tcttcacaga cctctttgaa      180
aagaaaggct acacctttga ctatgcctat gattgggttg ggagacctat tctactcca      240
gtagggtcag ttcacgtagg attctgggtgc atctgcaata actygagaaa gccacacaca      300
tagggatcgg ccatcacaac agcagcctct tcggaaatca ggtgggttag ctcaaccaat      360
gggagagctg gatgttggat gatccccacg ggagccccan tcccaatggc acccattcac      420
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<210> 5174

<211> 1170

<212> DNA

<213> Homo sapiens

<400> 5174

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gggtgcagtg gctcactcct ataatcccag cattttggaa gtccatgca ggaggattgc      60
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agtaatatta aaatttttaa aagtgtataa actgtaaagt atattttact ggtgttttct      180
tcttatttcc tacttgtcag atgcaaatac acatttttgt gtgttttgtt ttagtaatta      240
taagtataca tatttcattc ttctattttca tatattttcta tgacattata tcttagatgt      300
gtaatttatg aactactact ggattatttt aatccattag aaattactat tcacgcattc      360
tgtattcaat tcatgtgata gctaataatat ttggttttaa atgcattcta tttgtgggtt      420
ttcttctagg ctgttttttg tgctttcttt taaaaatata taggttttaa taatcttaat      480
tttcttttag tttgaaatgt atatactcat tttattcatt agtctaagat aagaattgta      540
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ggatgtgaat ggatacaatt atatattgtg tttatagttt tctgtgtcta taggaacagt      1020
attccccgaa tctgatgcaa aggacaacac accctagaga ttgtaacagt gagatgaacc      1080
aagtgattgg atgggggttt gagttgctgg aataatggag ttacagtgtg caatgcataa      1140

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gcaacataat aaattatata tctggtgaac

1170

<210> 5175

<211> 301

<212> DNA

<213> Homo sapiens

<400> 5175

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actggctgct	gtctctgctc	ctcggtcttg	tcttggccctt	gctggggcgg	atcctgtggg	180
gcctgaaget	tgctatcttc	ctggccggct	tcgtggccct	gatgaggtcg	gtgcccagcc	240
cttccaccog	ggccctgcta	ctcctggcct	tgctgatcct	ctacgccctg	ctgagccggc	300
t						301

<210> 5176

<211> 349

<212> DNA

<213> Homo sapiens

<400> 5176

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agkctttccr	gtctacctga	tgcatgatct	ctacagttct	gagaagcara	actataaaac	120
aatgtaaaac	aataaggcca	tatgtctggg	gtgtgtgtgt	gtgtgtgkkg	gtgtgtgtgt	180
gtgtgyacsc	acaygtgttt	ataaagrtar	cagytgtagg	aatgaatgag	attgrgggtg	240
rggggggtgr	tatgtatgtc	tatgaaagcc	taatcatttc	tgggcaatga	tgwaaagggt	300
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<210> 5177

<211> 907

<212> DNA

<213> Homo sapiens

<400> 5177

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cctcctcggg	aggagcagcc	ccctcctgtg	ctgctttccc	cctcccttca	atatgtctgg	180
gcggagacyc	kggctccaa	agtgcatttc	cgggacccca	aatcccagcg	gacgcaccag	240
gctcaggtgg	cgttcaggtg	gtgtgtgcgc	cctggctcct	acaccccggg	accccttccc	300
gctgcccttg	gagaacctcc	tgacctcac	ttcagtcacg	cagaacttga	gtgggtcact	360
aaggagaagg	gggccacact	cctctgtgcc	ctgctggtac	gggtggaatg	aggggtgaga	420
caccactact	acaagcacag	tcgggcgcgc	ggcattggga	ctctgagtgg	cgactgctcc	480
acctcatccc	cgtgactcgt	ggcatgcgca	ggtgctggar	cttggcagcc	gcgcaggagc	540
atgtaggcag	gctctcagat	gtagggtggc	agtggcacag	ctccatgtcc	ggaggcccag	600
cactccgtct	gatgggagga	gycgtgggag	cccagctcca	ggccctggta	cccccttcca	660
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agctgctttt	tcgggggcca	ccgggcggga	gtggggaagg	gtgggcgcac	ggaagatggg	840
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aaaaaaa						907

<210> 5178

<211> 865

<212> DNA

<213> Homo sapiens

<220>
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 <222> (1)...(865)
 <223> n = A,T,C or G

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 accttttttaa attatgttag agatgtatat aggtatttaa aggtcactgg gacgttttct 180
 gattccccggc cacactttgc atttcaacac tcagccccgga aagatgctcg ttcggtttgtt 240
 ggacctcttt cactccctgc gtgtaagaag gtgaatcacg tgggaaaaag tggmtyytya 300
 gtaaacgggt acagctcatt ctttctgaga aggccccagg tccctgctccc tccctcggtatt 360
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 ctttgggtgag cttcagtggg cagagtgaag tcccgcatca gcatttaggt gccctgagct 480
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 gtgcaattag tcattgacaa gaacaatgcc atttgagagt gagggtgggtcc ctgctgctac 600
 gaggccattg tactgttttt tccctgaggt caaagcagtg agtcccatag agtttgctgc 660
 ctcttctgtg gacaggaaga aaacttcacg accgaatcag agccttgggt gccactgact 720
 ctctgtctta ttgcagatgc tgtggttggc ctacacaagca acgccttatg ctgatgtgca 780
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<210> 5179
 <211> 952
 <212> DNA
 <213> Homo sapiens

<400> 5179
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 saaagctggg aattcyttga yaragtkawk masaatgcmk mcawaatgaa tgcattgyasr 120
 ctrytrtggt ttactagaca tcaaagtaaa ggagcagctc ttggaaaatc taatcaaggg 180
 aaggaagatc tatgaacctc cacggtatat gagggtgaaac caagcagccc agcagcttct 240
 ggagattgtt caaaatcaaa gaatacaggg agaagaacca gcagttaccg aggagacact 300
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 gcaaattgtc actgtggact tgggagaacc attgcattcc ttgatcatca caggaggcag 420
 catacatcca atggagatgg agatgctaag tctgttttcc ataccagaaa atagctcaga 480
 atctcaaagc atcaatggac tttgaacata gatatttacc attgtctgat gtaaatattca 540
 gccatatatg gattgatatg gtttggtatg atccccaccc aagtctcatc ttgaatttta 600
 atcctcataa tcccagggtg ttgtggtagg taattgaatc atgggggcag tttccctcat 660
 gctattctca tgatagttag ctttcatgag atctgatggg tttataagtg cctggcattt 720
 cccctactgg ctctcattct cactcttgcg gccctgtgaa gagggtgcctt ccaccgtgat 780
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 tttataatta cccagtcctg ggtatttctt catagcagtg tgagaatgga ttaataacctg 900
 gatgcattgca tgtttgtgta acaaacagggt cttttggctt atctagtaag ta 952

<210> 5180
 <211> 657
 <212> DNA
 <213> Homo sapiens

<400> 5180
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 tgatggaaaa tttcaaacat acacaaaagt agagagagaa tgggtataata aaccactca 180
 gttttaagga ttgtcaacta ataccagttt tatttcatgt atgactccaa caacttccc 240
 aaccagcctt cagattattt gaaagcaaat ttcagacatc gtatttttact catacatttt 300

ctagtatcta	aatctggaag	agactctttt	ctaacagttc	tgtagcatta	attataactca	360
tactgttgtg	caacaaatat	ccagaaatct	tttgtcttgc	gaaactgaac	ctcttaccce	420
ttaaactacta	actccctttt	ttttcaccct	gaaccatkgg	caaccacaat	tttactttct	480
ttttctgtga	gtttgattac	ttgatacttc	atgtgagtgg	aatcatataa	tayyytctt	540
tytgtgactg	acattttatt	tagcttaatg	tcttcaagtt	tgaccataac	catatcatgt	600
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<210> 5181

<211> 969

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (969)

<223> n = A,T,C or G

<400> 5181

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gccaggaggc	ctkectggag	gcggtgctac	gtcgactaca	ggsacagtgt	cggcaggaac	180
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aggagcagat	tccaaggcag	gtggcgaggg	gacgatgcag	atgcagagcc	cacgtcacat	360
gctcgtctca	ggggtggggc	tgggctgact	ctggccggat	cccaggcctg	tggctagcag	420
cactggggac	aggaatggct	ggtcccttga	ggaggtcgtg	acaggctcag	cctggtggtc	480
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ccacggggag	gtggcacagg	cctccctgga	gcnggattat	ctcggccccg	cccccttca	720
tttgggctcc	cgctgtgggc	ctggcctggg	ctgtgagcac	agcttgcccc	nacctccggc	780
catggctgtg	nctggtgggt	ncgccggatg	ggagccccgg	gctcttgctt	ccttttcccc	840
ggaagtgggt	tgcttccggg	tngggaggna	cagcattggg	acaagagggg	ttttntttcc	900
anaggctgtt	caagcaaagt	tnaagttgat	tccctgacaa	agaagcatnt	gttttcccg	960
ngaacttgc						969

<210> 5182

<211> 280

<212> DNA

<213> Homo sapiens

<400> 5182

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gatgaatggg	tctcaaatat	attgtaattg	agaattattc	acatgcatct	attgttttaa	180
ctaataagta	aaatagactt	cctttttctg	ttctgtttta	aatgtgcact	aaaattacct	240
gcttgtgggt	aagcatgggc	tggacagttt	attgattttt			280

<210> 5183

<211> 758

<212> DNA

<213> Homo sapiens

<400> 5183

gccacacggg	cccgcacat	ccctgcaatc	tggttccgct	acgacctcag	ccccatcacg	60
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attggcgga	ccttcaccgt	cgccggc	ctggactcat	gcattcttcac	agcctctgag	180
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aagttgcagt	tcccctttcc	ctggggagcc	ccaagaacag	agtcaggcaa	ggggtgggga	480
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cccagaatgc	atatcgatca	gctctcagcc	aggcttcgac	aatctcgcag	ccccactag	600
gtggacacat	taatgatttk	gtttctcccc	tgggcagcca	acctgcccc	gaggcaccag	660
acctgggctt	tctagctttt	gggaccaggc	tgcccaaagg	tactccttta	tacacccggc	720
accttccacg	gagatgggta	ctttcccaag	caagcccc			758

<210> 5184

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5184

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tttgactaag	cctccctccc	ctactccctc	ctttccttcc	ttccttccct	cttctctatc	120
aataataatca	ctttgtttct	ttcaggtgag	atcggaactgg	aactgttcgg	ctgcgaccag	180
aaattttattt	tcctgagtaa	attgccgaga	attaagaatg	aagagggcca	tttgcattct	240
cttaaattat	tcagttacct	gctttattgc	tccatgtgga	aaacttaaaa	ttgttaagtt	300

<210> 5185

<211> 333

<212> DNA

<213> Homo sapiens

<400> 5185

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aaatgtgcta	acagcacttg	tgtttttggt	tccttttggt	ttacttttta	ttatggcaaa	180
tttcaaacad	atacagatac	agaatagttt	aatgaactcc	catgttctca	tcattgccagt	240
tcaaacadga	atacatggtc	aaccttggtat	cacttaaaact	cytgcasaca	agccctgccc	300
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<210> 5186

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5186

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ggaacccatt	gaaaagggtg	ttgtcaaagc	tggagacaaa	gtgaaagcgg	gagattccct	180
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tgaggaggaa	gaatcagaca	aaaggggaatc	ggaataaact	ccagcaagga	aatggccagt	360
taagtagtgt	cttctctctc	caccaaaaag	aggaagtgcc	tcagctttt	ctgggggtct	420
cataaagagc	agttttacta	aatgattgta	tgttatgtct	gaacaccttt	catattggag	480
aatcatgcatt	ttgggtcact	aattatctca	aaatatttca	tactaataaa	gttgaattat	540
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<210> 5187

<211> 1029

<212> DNA

<213> Homo sapiens

<400> 5187

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tctatgcagt	caccgaggag	gagtcggacg	aggaaggcag	ccaggagaaa	ggaggggacg	180
acagccagca	gaagttcatt	gctcacgtcc	ctgttccctc	gcagcaagag	attgaggagg	240
cactggtgcg	aaggaagaaa	atggaactcc	tccagaagta	tgcaagcgag	accctgcagg	300
cccaaagtga	agaagccaga	aggctcctgg	ggtattagga	cccagctggg	gctctccttg	360
gagttccttc	atcccccagt	ggtacctcag	gacccagggc	tkcagacaca	ggctggtgct	420
gcaagggctc	ctgccccatt	ctcagccttc	cttccctctc	cttgtctcat	gttgaccgga	480
gggtaggggt	ctgtccctgg	tcttcctggt	aggttttgta	cacatatttt	gctactgtgt	540
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ttattttgac	ttgcactgcc	attttgaggg	gagaagaatc	aattagtggc	aaacatttaa	660
aaatgcaatt	ttttgcagac	caaagtataa	ttttaaaaaa	tgcaaatttt	ctaaaagaca	720
catctcttga	aaaatgagat	gatgtggcca	ggcgcaagtg	cacgcctgta	accccagcac	780
tttgggaggg	cgaggcgggc	gggtcacgag	gtcaagagat	ggagaccatc	ctggccaaca	840
tggtgaaaac	ccatgtctac	taaaaatata	aaaaaattag	ctgggcgtac	tggtcatgcac	900
ctgtagtccc	agctgcttgg	gaggctgagg	caggagaatc	acttgaaccc	gagaggtgga	960
ggttgaagtg	agcaagactc	gtgccattgc	actccagcct	ggcgacagag	tgagactctg	1020
tccccccac						1029

<210> 5188

<211> 416

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(416)

<223> n = A,T,C or G

<400> 5188

gnnctataga	atacaageta	cttgttcttt	ttgcnggan	ccwtckagws	kgaattatag	60
tattgacgtg	aatcccaactg	tggatatagat	tccataatat	gcttgaatat	tatgatatr	120
ccatttaata	acattgattt	cattctgttt	aatgaatttg	gaaatatgca	ctgaaagaaa	180
tgtaaaacat	ttagaatagc	tctgtttatg	gaaaaaagt	cactgaattt	attagacama	240
cttacgaatg	cttaacttct	ttacacagca	taggtgaaaa	tcatatttgg	gctattgtat	300
actatgaaca	atttgtaaat	gtcttaattt	gatgtaaata	actctgaaac	aagagaaaag	360
gttttttaact	tagagtagcc	ctaaaatatg	gatgtgctta	tataatcgct	tagttt	416

<210> 5189

<211> 572

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(572)

<223> n = A,T,C or G

<400> 5189

aatggcctgc	ctcacacgtc	agccagaacc	cagctgcccc	agtcaatgaa	gattatgcak	60
gagatcatgt	acaaactgga	agtgtctctat	gtcctctgcg	tgctgctgat	ggggcgtcag	120
sraaaccagg	ttcacagaat	gattgcagag	ttcaagctga	tccctggact	taataatttg	180

tttgacaaac	tgatttggag	gaagcattca	gcattctgcc	ttgtcctcca	tggtcacaac	240
cagaactgtg	actgtagccc	ggacatcacc	ttgaagatac	agtttttgag	gcttcttcag	300
agcttcagtg	accaccacga	gaacaagtac	ttgttactca	acaaccagga	gctgaatgaa	360
ctcagtgcc	tctctctcaa	ggccaacatc	cctgaggtgg	gaagctgtcc	ttcaacaccg	420
acaggagttt	gggtgtgtga	tggggaagag	ggggcttatt	taactcgtct	ggttgaggt	480
tcatggaaga	agggagccag	caggagtcgt	cttttcaggt	tttnggcaag	ctcggggntg	540
ttgggagagt	tttcctccc	aggggaccac	ct			572

<210> 5190

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5190

taagaatcca	ccaccaccca	tcaattttca	ggaatgggat	ggtctagtaa	ggataacctt	60
tgtaggaaa	aacaagacac	tctctgctgc	atttaaatac	agtgcagtg	aacaactctt	120
ggaaaaaac	tacagaattc	actgttcagt	ccataatatt	ataataccag	aagatttcag	180
catagcagat	aaaatacagc	aaatcctaac	cagcacaggt	tttagtgaca	aacgggccc	240
ttccatggac	atagatgact	tcatcagatt	gctacatgga	ttcaacgcag	aaggtattca	300

<210> 5191

<211> 553

<212> DNA

<213> Homo sapiens

<400> 5191

ggtacacgaa	gaggtgataa	tgacagccac	caaggagatt	tggagcccat	tttagaggca	60
tctgttctat	cttcccatca	taaaaaaagc	tctgaggaac	atgaatacag	tgatgaagct	120
cctcaggaag	atgagggctt	tatgggcatg	tccctctct	tacaagccca	tcatgctatg	180
gaaaaaatgg	aagaatttgt	ttgtaaggta	tgggaaggtc	ggtggcgagt	gatccctcat	240
gatgtactac	cagactggct	caaggataat	gacttcctct	tgcatggaca	ccggcctcct	300
atgccttctt	tccggggcctg	ttttaagagc	attttcagaa	tacacacaga	aacaggcaac	360
atttgagacac	atctcttagg	tatgtaatgt	cagtgatgta	atgagctggg	gattcacttt	420
cttccttttt	attttcatgt	atttgagggg	aagcacagaa	cttcagaaat	gtatttggat	480
ttgccatttt	gttttctgaa	tttctaata	tgaattttct	gactgggtta	ctcgtagttt	540
atcctggttt	gca					553

<210> 5192

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5192

atcagtatga	actcttaaaa	catgcagaag	caactctagg	aagtgggaat	ctgagacaag	60
ctgttatgtt	gcttgagggg	gaggatctca	atgaatggat	tgctgtgaac	actgtggatt	120
tctttaacca	gatcaacatg	ttatatggaa	ctattacaga	attctgcact	gaagcaagct	180
gtccagtcac	gtctgcaggt	ccgagatatg	aatatcactg	ggcagatggg	actaatatta	240
aaaagccaat	caaatgttct	gcacacaaaat	acattgacta	tttgatgact	tgggttcaag	300

<210> 5193

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5193

gaaccaagaa	aatattttaa	aatctaagca	gtcctttgct	cattaaagga	taaatacagta	60
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gttaacactt	tttctacaaa	gaaatgggtg	gcctggatgg	tctgttaggt	gagttttacc	120
aaggattatg	gtaacaaatg	agtggagacct	ctatggagaa	aatattgaag	gacattaaag	180
aagacctcat	aaatggagag	agatatatca	ttaatggata	ggaagcctca	atggcataag	240
tatgtcagtt	tctttcaaaa	ctcacctatg	gattcaatgt	gattccaaac	caaateccaa	300

<210> 5194

<211> 575

<212> DNA

<213> Homo sapiens

<400> 5194

ggacaagtcc	aagaaactgg	cggagcaggc	tgcagccatc	gtctgtctgc	ggagccaggg	60
cctccctgag	ggtcggctgg	gtgaggagag	cccttccttg	cacaagcgaa	agagggaggg	120
tcttgaccaa	gaccttgggg	gccccagagc	tcaggagcta	gcacaacctg	gggatctgtg	180
caagaagccc	tttgtggcct	tgggaagtgg	tgaagaaagc	cccctggaag	gctgggtgact	240
actcttcctg	ccttagtcac	ccctccatgg	gcctgggtgct	aagggtggctg	tggatgccac	300
agcatgaacc	agatgccgtt	gaacagtttg	ctggctcttsc	ctggcagaag	ttagatgtcc	360
tggcaggggc	catcagccta	gagcatggac	cagggggccgc	ccaggggtgg	atcctggccc	420
cttttggtga	tctgagtgac	aggggtcaagt	tctctttgaa	aacaggagct	tttcaggtgg	480
taactcccca	acctgacatt	ggtactgtgc	aataaagaca	ccccctacce	tcaccacagg	540
ctggctgctt	cagccttggg	catcttcata	aatgg			575

<210> 5195

<211> 477

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(477)

<223> n = A,T,C or G

<400> 5195

aagcagcttg	gggetcactc	ccctccacc	ttgetgacca	ccctcatgtt	ctttaataacc	60
aagtacttcc	tattgaagac	agtggaccag	cacatgaagc	tggccttctc	caaggtcttg	120
cgacagacaa	agaagaaccc	ctctaatacc	aaggataaaa	gcacgagtat	ccggtacttg	180
aaggcccttg	gaatacacca	gactggccag	aaagttacag	atgacatgta	tgcagaacag	240
acggaaaatc	cagagaatcc	attgagatgt	cccataaagc	tctatgattt	ctacctcttc	300
aaatgcccc	agagtgtgaa	aggccggaat	gacacctttt	tacctggaca	cctggaggcc	360
agtgggtggg	ccccccaaca	ggcccaatct	ggttaytcag	tccagcctat	tcaggcagag	420
aggcagatgg	gggacaattg	tttgacgcgg	gttcnggggt	gattaaggag	gaanttt	477

<210> 5196

<211> 555

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(555)

<223> n = A,T,C or G

<400> 5196

cccaggatga	actggttgca	gtggctgctg	ctgctgcggg	ggcgctgaga	ggacacgagc	60
tctatgcctt	tccggctgct	catccccgtc	ggcctcctgt	gygcgctgct	gcctcagcac	120
catggtgcgc	caggtccccg	cggctccgcg	ccagatcccc	cccactacag	ggagcgagtc	180

1800

aaggccatgt	tctaccacgc	ctacgacagc	tacctggaga	atgcctttcc	cttcgatgag	240
ctgcgacctc	tcacctgtga	cgggcacgac	acctggggca	gtttttctct	gactctaatt	300
gatgcactgg	acaccttgct	gattttgggg	aatgtctcag	aattccaaag	agtgggtgaa	360
gtgtccagg	gacagcgtgg	gactttgata	ttgatgtgaa	cgctctctgt	tttgaaacaa	420
acattcgagt	ggtagggagg	actcctgtct	tgttcatctg	cttttccaag	aaggctgggg	480
tgggaagtag	aggctggatg	ggcctgtttc	cggggctttt	ccttgagaat	tggctnagga	540
nggcggcccg	aaaat					555

<210> 5197

<211> 1175

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(1175)

<223> n = A,T,C or G

<400> 5197

agattatgag	catgtagaag	atgaaacttt	tcctcctttc	ccacctccag	cctctccaga	60
gagacaagat	ggtgaaggaa	ctgagcctga	tgaagagtca	ggaaatggag	cacctgttcc	120
tgtacctcca	aagagaacag	ttaaaagaaa	tatacccaag	ctggatgctc	agagattaat	180
ttcagagaga	ggacttccag	ccttaaggca	tgtatttgat	aaggcaaaat	tcaaaggtaa	240
aggatcatgag	gctgaagact	tgaagatgct	aatcagacac	atggagcact	gggcacatag	300
gctattccct	aaactgcagt	ttgaggattt	tattgacaga	gttgaatacc	tgggaagtaa	360
aaaggaagtt	cagacctgtt	taaaacgaat	tcgacttgat	ctccctattt	tacatgaaga	420
ttttgttagc	aataatgatg	aagttagcga	gaataatgaa	catgatgtca	cttctactga	480
attagatccc	tttctgacaa	acttatctga	aagttagatg	tttgcttctg	agttaagtag	540
aagcctaaca	gaagagcaac	aacaaagaat	tgrgrgaaat	waaccaactg	gccytggaaa	600
gaaggcaggc	maagctgctg	agtaatagtc	agaccctrng	aaatgatatg	ttaatgaata	660
caccacgggc	acacacgggt	gaagagggtta	atactgatga	ggatcaaaaag	gaggagtcaa	720
atggattaaa	cgaagacatt	ctggacaact	catgtaatga	tgctattgcc	aatactttaa	780
atgaagagga	aacactgctg	gaccagtctt	ttaaaaatgt	gcaacagcaa	cctgatgcta	840
catccagaaa	tattactgaa	gctagataag	tttccattaa	gagaaaatgt	atctgttaag	900
tcacgtcct	gcaagcttgg	cgttactatg	tattttttct	tcttgagatg	aaaatcctta	960
gatagtaaaa	ctgttataga	ttattgttta	aaatctgata	atctgggtatt	tatttataat	1020
tatggggctt	gtcactttag	ttaaatctat	ttgtntctct	tagtgtttgt	ttttatatag	1080
gtatttcttc	ataaaatgat	taggaggtta	tangcagttt	ctgctgctgg	tctgtcattg	1140
aatgccttgt	tttactaag	ttgggaggtt	tggtt			1175

<210> 5198

<211> 752

<212> DNA

<213> Homo sapiens

<400> 5198

gtccgaagaa	aaagactgtg	gtggcggaga	tgctctctcc	aatggcatca	agaaacacag	60
aacaagtttg	ccttctccta	tgttttccag	aaatgacttc	agtatctgga	gcatacctcag	120
aaaatgtatt	ggaatggaac	tatccaagat	cacgatgcca	gttatattta	atgagcctct	180
gagcttcccta	cagcgcccta	ctgaatacat	ggagcatact	tacctcatcc	acaaggccag	240
ttcactctct	gatcctgtgg	aaaggatgca	gtgtgtagct	gcgtttgctg	tatctgctgt	300
tgcttctcag	tgggaacgga	ctggaaaacc	tttcaaccca	ctgctgggag	agacttatga	360
attagtgcga	gatgaccttg	gatttagact	catctccgaa	caggtcagcc	atcacccacc	420
aatcagtgcga	tttcatgctg	aaggattaaa	caatgacttc	atctttcatg	gctctatcta	480
tcccaaactg	aaattctggg	ggaagagtgt	agaagcagaa	cccaaaggaa	ccatcacctt	540
ggagctcctt	gaacacaatg	aggcatatac	atggacaaaat	cccacctgct	gtgtgcataa	600

tatcattgtg	ggtaaactgt	ggatcgaaca	gtatggcaat	gtggaaatta	taaaccacaa	660
gactggggac	aaatgtgtgt	tgaattttta	gccatgtggc	ctttttggta	aggaattaca	720
caaagttaga	ggctacattc	aagataaaag	ca			752

<210> 5199

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5199

aagagaagct	gagacttctg	cttccacacc	ccctgcaagt	gctttcttga	aggcctgggt	60
gtatcggcca	ggagaggaca	cggaggagga	ggaagatgag	gatgtggata	gtgaggataa	120
ggaagatgat	tcagaagcag	ccttgggaga	agctgagtc	gacccacatc	cctcccaccc	180
ggaccagagg	gcccacttca	ggggctgggg	atatcgacct	ggaaaagaga	cagaggaaga	240
ggaagctgct	gaggactggg	gagaagctga	gccctgcccc	ttccgagtgg	ccatctatgt	300

<210> 5200

<211> 530

<212> DNA

<213> Homo sapiens

<400> 5200

ggattttctcc	tccttccgcg	ctttctgcgt	gacactggct	gtcagctctg	ggctgggctt	60
tctggggggcc	acacagctgc	tgaggcggcg	ggttgaggcg	gcccgaagg	acccagggtg	120
ctcaggcctg	gttgtggata	gcggcctgtg	tggagaggag	ctgcttgtrg	gcagtggaga	180
ggcggacagc	atcaccttgg	gccggtatct	ccggcagctg	gcacgccatc	ggaacttcct	240
gtgggttcgtg	agcatggacc	tgggtgcaggt	cttscastgs	cwctwcrmcw	gyaayyyck	300
cmctctcttc	ctggagcatc	tgttggtccga	ccatatctcc	ctttccacgg	gctccatcct	360
gttgggcctc	tcctatgtcg	ctccccatct	caacaacctc	tacttccgtg	ccctgtgccg	420
gcgctggggc	gtctacgcgg	tgggtgcgggg	gctcttccctg	ctcaagctgg	gacttagcct	480
gctcatgttg	ttggccggcc	cggaccactc	agcctgctgt	gcctcttcat		530

<210> 5201

<211> 837

<212> DNA

<213> Homo sapiens

<400> 5201

atacactgca	tttgctgggtg	ctgtttttat	atagtgaagc	aacagctgta	cagcaaaata	60
ataaaatact	cacttcttcg	ttaaaaaaaa	aaaaatttac	ttcttacaat	tctggaggcc	120
aggaagacca	tgatcagggtg	ccagcatctg	ggaagggcct	tcttgctgtc	ctcccatggc	180
agaagatgga	agggcaaggg	agagctaaca	tgtcccgca	aacccttttt	ataatggcat	240
caatcaaata	tgaggccaga	gtccttgtga	cctaatactc	tcccaraagg	ctccgcyycc	300
aaccctgttg	cattgggatt	aagtttccaa	cacatgaatt	gtggagacaa	cacattcaaa	360
acatagcatt	ccacaccttg	ggctccccag	attcatgtcc	tcacatgcaa	aataaattca	420
ttccatccca	atagccccta	aaaagtctta	acttggtcca	gcacaaactt	taaagtcaaa	480
gtccaaagtc	tcattctaat	cagatatgag	tgagactcaa	ggcatgattc	atcatgagac	540
aaaggatgta	catttgcaat	gtttgtcatg	tcagacaaaa	caaaaatatg	taaatatcca	600
tcaataggga	actgctgaaa	aatttttttg	tataatcata	aaatgaaaca	tgcagatggt	660
taaaccaatg	agctagatct	caacgtgctg	atatggaaag	tgcttcagaa	tgtattaagg	720
acataaatta	agtgatcaat	aatgtgtgtg	tgtgtatata	tgtatatgct	tacgtgtgta	780
tggaaagtat	ctcagcagat	acaataaaaa	cttaattgtg	attaaaaaaa	aaaaaaa	837

<210> 5202

<211> 589

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1)...(589)

<223> n = A,T,C or G

<400> 5202

caagaagaaa	catggcggt	atccttctct	cacatcgaaa	aggaaatttt	gaacaatcat	60
ggaaaatcta	aaacgtgctg	tgaaaacaaa	gaagagaaat	gttgcaggaa	agattgttta	120
aaactaatga	aatacctttt	arwwcrgcws	aragaaaggt	ttaaagacaa	aaaacatctg	180
gataaattct	cttcttatca	tgtgaaaact	gccttctttc	acgtatgtac	ccagaacctt	240
caagacagtc	agtgggaccg	caaagacctg	ggcctctgct	ttgataactg	cgtgacatac	300
tttcttcagt	gcctcaggac	agaaaaactt	gagaattatt	ttattcctga	attcaatcta	360
ttctctagca	acttaattga	caaaagaagt	aaggaatttc	tgacaaaagca	aattgaatat	420
gaaagaaaca	atgagtttcc	agtttttgat	gaattttgag	attgtatttt	ttagaaagat	480
ctaagaacta	gagtcacctt	aaatcctggg	agawtacaag	awaaatttgg	aaaagggggc	540
agacgctgtg	gcttcacacc	tgtagtctcc	agcttctttt	ggngggggcc		589

<210> 5203

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5203

gcatttggcc	cattggccgc	attctgctga	cccatcacct	tgggtgctttt	tctgcttttt	60
ctcygtygtm	ctctgtgtgt	gttcctttgt	cctgacacct	gtcaccttgt	gggtccaaaa	120
tggttccact	agcctcatgg	agcctggcct	tacattgcag	agtccaaagc	aggagctgag	180
ggaaaatgaa	aaacaacttc	ttcatcaccc	gaagcccagc	aaacttctcc	ttaaaaatca	240
ctggtcaggg	ctgggtgcag	tggtcacac	ttgtaatgcc	agcactttgg	gaggctgaga	300
tgggcagatc	acctgaggtg	aggagttcga	gaccagcctg	gccaacatgg	tgaaacctca	360
tctctacaaa	aatgcacaaa	ttagccgggc	ctgggtggcg	gtgcctgtaa	tcccagctac	420
tcaggaggct	gaggcaggag	aatttcatga	acctgggagg	cggaggttgc	agtgagccaa	480
gactgtgcc	ctgccttcca	gcctgggtga	cagaatgmga	ctctatcttt	araaacacaa	540
aacaagtcga	c					551

<210> 5204

<211> 345

<212> DNA

<213> Homo sapiens

<400> 5204

gtccagaaat	actctgatac	tagctatggt	cagcaacatt	taatgaaaac	settatgtta	60
aaaataaacc	cctgcctcct	ggcttcaagc	gattctcctg	cctcagcctc	ctgagtagct	120
gggagtatag	gcacgtacca	ccacaccag	ctaatttttt	gtattttttac	tagagatggg	180
tttcacagtg	ttagccagga	tggtttcgat	ctcctgacct	catgatccgm	ccgcctmggc	240
ctcccaragt	getgagatta	caggcgtgag	tactgtgcc	cggcctcaaa	atsttargaa	300
aaggttcttt	tgggtgcatg	gagttttaca	tgggaataaa	ttagt		345

<210> 5205

<211> 458

<212> DNA

<213> Homo sapiens

<400> 5205

ggatattcat	taccctgaga	atgaaatgac	ctgcaattcg	aaaatcagct	gtatcagttg	60
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gagtagttac	cataagaacc	tgtagctag	cagtgattat	gaaggcactg	ttatTTTTatg	120
ggatggattc	acaggacaga	ggTcaaaggt	ctatcaggag	catgagaaga	ggtgTtgagg	180
tgTtgacttt	aattTgatgg	atcctaaact	cttggtctca	ggtTctgatg	atgcaaaaagt	240
gaagctgtgg	tctaccaatc	tagacaactc	agtggcaagc	attgaggcaa	aggctaattgt	300
gtgctgtgtt	aaattcagcc	cctcttccag	ataccatttg	gctTtcggct	gtkcagatca	360
ctgtgtccac	tactatgac	ttcgtaaac	taaacagcca	wcatgggtat	tcaaaggaca	420
ccgtwaagca	gtctcttatg	caaagTttt	gagtgggt			458

<210> 5206

<211> 548

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (548)

<223> n = A,T,C or G

<400> 5206

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agctgttgta	atgcagttta	ttatggaaat	ggccaaaaac	tgtaattgtg	atccaagagg	120
gtgttttcgt	ttatTTTTcc	agaaaagccaa	agcagaggaa	gaaggTtatt	ttgaagcatt	180
caaaaatgaa	cttgaagctt	tcaagtcaag	agtaagactt	tattctcaat	cacaaaagttt	240
tcaacctatg	acagttcaga	atcatgttcc	ccattctggg	gttggatcta	taggtttatt	300
agaatcctta	ccacagaatc	cagattatct	tcagtattct	atcagtacag	ctctctgcag	360
cttaaaactcg	gtggtacata	aagaagatga	tgaacccaaa	atgatgggac	actgtataat	420
ttgggttaag	actgctgagg	ccaagtgtct	ttttgttaca	ggaaagggag	gaacttgggc	480
tattttcttg	gacactttta	tgggggtgct	ggcactttat	ttttgttcc	ggtttttgtn	540
ggggnggg						548

<210> 5207

<211> 934

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (934)

<223> n = A,T,C or G

<400> 5207

aaaacataat	ttctgtttca	tggagatgaa	tacaaggctg	caagtggaac	atcctgtttac	60
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gattcctttg	agccaggaag	aaataactct	gcagggccat	gccttcgaag	ctagaatata	180
tgcagaagat	cctagcaata	acttcatgcc	tgtggcaggc	ccattagtgc	acctctctac	240
tctctagca	gacctttcca	ccaggattga	aactggagta	cggcaaggag	acgaagtTtc	300
cgtgcattat	gaccccatga	ttgcgaagtg	rntcgtgtgg	gcagcagatc	gccaggcggc	360
attgacaaaa	ctgaggtaca	gccttcgtca	gtacaatatt	gttggactgc	mcaccaacat	420
tgactttctta	ctcaacctgt	ctggccaccc	agagtttgaa	gctkggaacg	tgcacactga	480
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ttatgccagg	cagccctggg	tctcatcctc	aaggagaaag	ccatgaccga	cacttttcaact	600
cttcaggcac	atgatcaatt	ctctccattt	tcgtctagca	gtggaagaag	actgaatate	660
tcgtatacca	gaaacatgac	tcttaaagat	ggtaaaaaaca	gttttcgtct	cctcggataa	720
tcaaccattt	ccatactcat	gtaatctagg	catactctgg	agttattaca	ggttttggttc	780
cagacactta	caataaaaatg	tagccatagc	tgtaacgtat	aaccatgatg	ggtcttatag	840
catgcagatt	gaagaaaact	ttccaagtcc	ttgggttaatc	tttacagccg	agggagactg	900

cacttaacctg aaatgttccg ttaatgggag ttgc

934

<210> 5208

<211> 934

<212> DNA

<213> Homo sapiens

<400> 5208

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taactctaga	actggtagca	aattgggcat	ctctcctctg	atgttagcag	ctatgaatgg	180
gcatacagct	gctgttaagc	tcctgttaga	catgggctct	gacataaatg	ctcagataga	240
aaccaatcgg	aacactgccc	ttacttttagc	ctgcttccaa	ggaagaactk	aagtgggttag	300
tcttctgctt	gatagaaaag	caaatgttga	acacagagct	aagactggtc	tcacaccayt	360
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ttactgggtg	aagcagggtg	agatgtggat	gcagcagata	accgcaagat	aactcctctt	660
atggcagcat	ttagaaagggt	tcatgtgaag	gtgggtgcgct	acttagtcaa	agaagtcaat	720
cagtttccat	cagattctga	atgtatgaga	tacatagcaa	ccatcactga	taaggagatg	780
ctgaagaagt	gtcatctttg	tatggagtca	atagtacaag	ccaaagatag	acaggctgct	840
gaagcaaaca	aaaacgccag	cattttgtta	gaggagttag	acttggaaaa	gttaagggaa	900
gaaagtcgga	ggctggcttt	ggctgcgaaa	agag			934

<210> 5209

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5209

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caagcgcttc	cttgccgaga	ggctggagct	gcggcaccgc	aggcctgagc	cacccttct	120
ctgctgtctc	cttctcttcc	tcagggtctc	cgtgtctgct	cgccctccga	cgctgctcag	180
actatggaaa	tgatgttaga	caaaaagcaa	attcaagtga	ttttcttatt	caagttcaaa	240
atgggtcata	aagcagcaga	gacaactcgc	agcatcaaca	atgcatttgg	cccagaaatt	300

<210> 5210

<211> 711

<212> DNA

<213> Homo sapiens

<400> 5210

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taaatactta	gggttcattt	ttttttctct	gggcaacaaa	gcttgatgtt	ttcactgctt	180
tagtttctctg	tttgtctggg	ggaggggata	cggtctgtga	ctctggactt	gctctggggg	240
aacagttgtc	actgcccccg	gggagagggg	cagcttgggc	tggagaagca	cagccagaga	300
cagagccccct	cgagagggat	ccttggctgc	ttcattgtct	tccccccagc	aagccctgct	360
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gccccgtgtc	ctggcagact	cagctgggtg	gctgggggtg	taaccccagt	cctggcgtag	540
gtttacagac	tctcaaggta	cgttggccct	ggtctcctgg	gagagagggg	tgagggatgt	600
ccccaccac	agcacaaggt	gggatcaggc	tgccctcctg	gttgggtgtc	gggggagctg	660
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<210> 5211
 <211> 839
 <212> DNA
 <213> Homo sapiens

<400> 5211
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 ccttctact accaggggggt gtactcccg ccccatatga gaactcctct taagaagacg 180
 acggcttcag gcccggtctaa ctctggcacc cgggatcgag gayaagtgag agagcaagtg 240
 ggggtcgaga ctttggggag acgggtgttg agagacgcaa gggagaagaa atccataaca 300
 cccccacccc aacacccccca agacagcagt ctctcttcac ccgctgcagc ygttccgtcc 360
 caaacagagg gccacacaga tccccacgt tctatataag gaggaaaacg ggaaagaata 420
 taaagttaaa aaaaagcctc cgggtttccac tactgtgtag actcctgctt cttcaagcac 480
 ctgcagattc tgattttttt gttgtgtgtg ttctctcca ttgctgttgt tgcaggggaag 540
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 acagaaccag aggggtgtac tattgtttta aaacaggaaa aaaaataatg taagggtctg 660
 ttgtaaatga ccaagaaaaa gaaaaaaaaa gcattcccaa tcttgacacg gtgaaatcca 720
 ggtctcgggt ccgattaatt tatggtttct gcgtgcttta tttatggctt ataaatgtgt 780
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<210> 5212
 <211> 603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)... (603)
 <223> n = A,T,C or G

<400> 5212
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 gctaggggca agcatttgtc tttgtatgtg gtgaattttt tcagtgtaac aacattatct 180
 gaccaatagt acacacacag acacaaaagt taactgggtac ttgaaacata cagtatatgt 240
 taacgaaata accaagactc gaaatgagat tattttggta cacctttctt tttagtgtct 300
 tatcagtggg ctgattcatt ttctacnttn aancagnngg ttttctgacc angaatatgg 360
 ctnggatttt ttngaaagta caaaangcca catagttttt ccagaaagggt ttcaaaactc 420
 ccaaagatta acttccaact tataagtttg tttttatatt caatctatga cttgactggg 480
 tattaaagcc gctatttgga tagtaattaa atatgggtgg cattgatata aaccngtttg 540
 gggtcagcaa accaacctaa atggatggcn aagaccngng gtttaatttt cccggtgggg 600
 gtg 603

<210> 5213
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5213
 ccaaggcgca gcccgattct gcccctacg attgggtcgg ggactttctc tcttccgtg 60
 cctctctaga gccggagc: cggcccgagg accgtatcct tgtgctakgt tgcgggaaca 120
 gtgcccctgag ctacgagctg ttctcggag gcttccctaa tgtgaccagt gtggactact 180
 catcagtcgt ggtggctgcc atgcaggctc gctatgccca tgtgccgcag ctgcgctggg 240
 agaccattga tgtgcggaag ctggacttcc ccagtgtctc ttttgatgtg gtgctcgaga 300

<210> 5214
 <211> 492
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(492)
 <223> n = A,T,C or G

<400> 5214
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 ctacagcagg gggcacactc caccggctcc agccgcctgc acgacctcta ctggcaggcc 120
 atgaaaaccc tgggagtcca gcgccccaaag ttggagaaga aggatgccaa ggagatcccc 180
 agtgccaccc agagccccat cagtaagaag cggaagaaaa agggattctt gccagagacg 240
 aagaagcgca agaaacgcaa gtcagaggat ggcacgccag cggaggatgg cacacctgca 300
 gccaccggcg ggagccagcc ccncagcatg ggcaggaaga agaggaacag gacaaaggct 360
 aaggtcccag ccagggcaaa cgggacgcca accaccaaga gtccagcccc tggcgccccc 420
 acccggagcc ccagcaccac tgccaaatcc caaaactgc agaagaaaaa ccagaagccg 480
 tcccaggatga at 492

<210> 5215
 <211> 1011
 <212> DNA
 <213> Homo sapiens

<400> 5215
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 ctgtggctag cgatttctac ctgcgctact acgtagggca caagggaag tttgggcacg 120
 agtttctgga gttcgaattt cgcccggaag gaaagcttag atatgccaac aacagcaatt 180
 acaaaaatga tgtgatgat agaaaagagg cttatgtgca caagagtgtg atggaagaac 240
 tgaagagaat tattgatgac agtgaaatta caaaagaaga tgatgctttg tggcctcccc 300
 ctgatagggt tggccgacag agcttgaaat tgtaattgga gatgagcaca tatcttttac 360
 cacatcaaaa ataggttctc ttattgatgt aaatcagtca aaggatcctg aaggccttcg 420
 agtatcttac tatttggtac aagacttgaa atgtttagtt ttcagtcctt ttggattaca 480
 cttcaagatt aaaccaattt aaattgtatg ttttcaggct gtttgtatat ttaattaagg 540
 gatgggaggg gttatttgtc atttacagta ttgggggttt tatgaatgtg aagcaaacaa 600
 aaaaaatttg tatgtaaact gaaaataaga aaatacatga gcaagcttaa tggttatcct 660
 tacttgagtc cacatgggtt ggacagtcac cacacacatt aaattctgtg aatgaaagcc 720
 accttttgtt aaaaatttgc tctaataaaa cataccaaat cctggttgca gtagtatttt 780
 ttgttttttc caggaggcta tgtctctaata tcactttaga gataataaga aattgttctg 840
 gtagatatat cctgtgacag aagatacttt aggtggaact atgtagccag attcccatcc 900
 atgaaaggca agtgtagatt gtcccttatt tccttcatac atgattggat ttaattttgg 960
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<210> 5216
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5216
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 agacgccggc ggctcggcg atggctgacc gcacacgttg ccaccctgag gtctttctgg 120
 aagtggatat ctactcagac agtaagaatt ataagagctg taagagctca ttttggagga 180
 ataattggatg aaccatctcc cttggcccaa cctctggagc tgaaccagca ctctcgattc 240
 ataattaggtt ctgtgtctga agataactca caggatgaga tcagcaacct ggtgaagtgt 300

<210> 5217
 <211> 1544
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1544)
 <223> n = A,T,C or G

<400> 5217
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 gtacgagacg aggttctgt gcaactcttc acaggagtgg aagagactag ggtcagagca 180
 gckgcrscgw srgcacagta gacatgactg ggatccccac cttggacaac ctccagaagg 240
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 ggacttttgt catttcaaag acatgatgta tggggattag aaagaactca agacactcct 540
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 taacagaaat gtgccaatag gtaataggta atttttcttt ctctgacttg ttttgttttc 660
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 gatacaggac agggatgggg ctatcatctt ttcttgaata gggctaaaga agtattttta 780
 caaaaatcta ttatgtacct aatattgtgc ctaataatat ttagcaccac aactcaaaaa 840
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 aagagcagac acctatata tttgagattg aaaaagtttc tgctattaat cagaaataat 1200
 catttctatt ttctggctta ccccttggaa taagccaaaa ataaaacca agttacattt 1260
 cctgacagat ggctaagaaa acaatagaag gaacatcctg aattctagag ttgactcttg 1320
 ctggtgaagt acaccttcag gcttaggtcc attctcctaa gtaaagcctg aaggaaaact 1380
 cttaacacct aattctttgt gggaaaaatg atcaactagg ccatttcaca ggctwtagaa 1440
 cmaaagtaac attgggcate tttccytatg tccggggatc aggggwgctt acatttaaca 1500
 ttgatcaggt aaagaggaga ggctgtgcta aggtctgaga aaag 1544

<210> 5218
 <211> 948
 <212> DNA
 <213> Homo sapiens

<400> 5218
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 tctggagtgc gaatttcggc cggacggaaa gcttagatat gccacaaca gcaattacaa 120
 aaatgatgtg atgatcagaa aagaggctta tgtgcacaag agtgtaatgg aagaactgaa 180
 gagaattatt gatgacagt aaattacaaa agaagatgat gctttgtggc ctccccctga 240
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 atcaaaaata ggttctctta ttgatgtaaa tcagtcaaag gatcctgaag gccttcgagt 360
 attttactat ttggtacaag acttgaaatg tttagttttc agtcttattg gattacactt 420
 caagattaaa ccaattttaa ttgtatgttt tcaggctgtt tgtatattta attaagggat 480
 gggagggggt atttgtcatt tacagtattg gggtttttat gaatgtgaag caaacaaaaa 540
 aaatttgtat gtaaaactgaa aataagaaaa tacattagca agcttaattg ttatccttac 600
 ttgagtccac atgggttggc cagtcaccac acacattaaa ttctgtaaat gaaagccacc 660
 ttttgttaaa aatttgcctc aataaaaacat accaaatcct ggttgcagag tagttttttg 720

ttttttccag	gaggctatgt	ctctaattca	ctttagagat	aataagaaat	tgttctggta	780
gatatacct	gtgacagaag	atacttttag	tggaactatg	tagccagatt	cccatccatg	840
aaaggcaagt	gtagattgtc	ccttatttcc	ttcatacatg	attggattta	attttggggg	900
gcttatacaa	ggtctagttt	ttttttacag	ttatgacaaa	cccctcag		948

<210> 5219

<211> 300

<212> DNA

<213> Homo sapiens

<400> 5219

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agccaagatc	gcgccactgc	actcccaact	ggacgacaaa	gcgagatact	gggagtatat	120
gcattcgcca	ccctgggcaa	catagcaaga	cctgtgtctt	acaaaaaatt	taaaaaaaat	180
tagcctgtag	ccctagctat	gcaggaggtg	gaggtgggag	aattgcttga	acccaggagt	240
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<210> 5220

<211> 1043

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (1043)

<223> n = A,T,C or G

<400> 5220

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gtccccaccc	ccacatcctt	cctcggtcaa	gtcgctgcgc	tccgagcgtc	tgatccgtac	120
ctcgctggac	ctggagttag	ascwssaggc	gacaagaacc	tggcacagcc	aattgaccca	180
ggagatctcg	gtgctgaakg	agctcaagga	gcagctggaa	caagccaaga	gccacgggga	240
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ggagaagcgg	cagatggacc	gagcggacac	aagggtgagc	ttcagacaga	caagatgatg	360
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aaccagcatt	aaaataataa	gattgtatag	tttgtatatt	taggagtgtg	tttttgggaa	780
agaaaattta	aatgaactaa	agcagtattg	agttgctgct	cttcttaaaa	tcgttttagat	840
tttyytsgtt	gtacagctcc	accttttaga	ggtcttactg	caataagaag	taatgcctgg	900
gggacggtaa	tcctaataag	acgtcccgcg	cttgtcacag	tacagctaata	ttttcctagt	960
taacaatttg	tcattattamm	mmntgcacag	ammaccattg	ggggggattc	agaggtgcat	1020
ccaccccggn	tcttcttgag	ctg				1043

<210> 5221

<211> 796

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (796)

<223> n = A,T,C or G

<400> 5221

atcgattaac	actttctaatag	agtcaagtc	taggggttttt	tgggttttggt	ttggttgccaa	60
cgaggaacac	agctctgggg	gaatggtgtc	atccwstgc	gytttaaaaa	taagcacatg	120
atggctgggc	accgtggctc	acgcctgtaa	tcccagcact	ttgggaggt	gaggcggtg	180
gwtcacctga	ggtcgggagt	ttgagaccag	cctggccaac	atggtgaaac	cccatcgcta	240
ctaaaaat	aaaaaattag	ctgggcattg	tggcgcacgy	ctgtagtcc	agctactcag	300
gaggtcag	caggagaatc	gcttgaacc	gggaggtgga	ggttgcagt	agctgagatc	360
gcaccattgc	actcccac	gggcaacaaa	gagtgaact	tggcttcaga	aacgaaacaa	420
aacacaaaa	cctttctcag	tcccagcata	tgtggagcag	cctcattctt	catagctgtg	480
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aaccaccact	gccgcccagg	ggagatacaa	gcaggccagt	ttcacactyt	gggackttta	720
gtttctttct	tacatctaga	aggtgggcct	ctkgttatct	canttttaaag	gcagcccaag	780
ggaantgttc	agna					796

<210> 5222

<211> 328

<212> DNA

<213> Homo sapiens

<400> 5222

ataaggcagt	ctctcaaaag	tcatactgcc	agagtctcta	gggcaaggag	aaacaactag	60
ctggacaata	ctcaattcac	aacttagcat	tttgccatct	gaagcttggc	aaactagtat	120
ctgctgtaaa	acaacctata	tggtagtgga	accgtagtat	tcctgagcaa	aacgtggctt	180
tcacgcgttt	gtaaaaat	gcacctgttt	agaaactagc	ctataaaata	tcaccattgg	240
atgtagatat	ggagagaaaa	gaaatatgtt	gggtttattg	cttagcgaaa	tattctcttt	300
ttattttaa	aaaatgttct	tcattgtg				328

<210> 5223

<211> 302

<212> DNA

<213> Homo sapiens

<400> 5223

ggaagagctc	gtcttgaggt	ccaagctttt	gccacttcaa	ttgcaccagc	tccaggaacc	60
atacaaccat	cttcaatkgc	atttttgata	gcacgaagtc	catctcttat	ggcatccttg	120
acttggtgga	gagtcattgt	ttatttggtc	ctttaaccaa	caaggtaaca	gagcaagggg	180
taacacactc	ctcaataaaa	gtgaactttt	cttcaccta	tgtatactca	tacacaagac	240
cagcatgtcc	caagcaatct	acagtgtgat	cttcaaaaaga	attcacggcc	attccaccac	300
aa						302

<210> 5224

<211> 551

<212> DNA

<213> Homo sapiens

<400> 5224

gcagtacgtg	tgccgtgagg	ctcatagttg	atgagggact	ttccctgctc	caccgtcact	60
cccccaactc	tgcccgctc	tgtccccgcc	tcagtccccg	cctccatccc	cgctctgtc	120
ccctggcctt	ggcggtatt	tttgccacct	gccttggttg	cccaggagtc	ccctactgct	180
gtgggctggg	gttgggggca	cagcagcccc	aagcctgaga	ggctggagcc	catggctagt	240
ggctcatccc	castgcattc	tccccctgac	acagagaagg	ggccttggtg	tttatattta	300
agaaatgaag	ataatattaa	taatgatgga	aggaagactg	ggttgcaggg	actgtggtct	360
ctccyggggc	ccgggacccg	cctggctctt	cagccatgct	gatgaccaca	ccccgtccag	420
gccagacacc	acccccacc	ccactgtcgt	ggtggcccca	gatctctgta	attttatgta	480

gagtttgagc tgaagccccg tatatttaaat ttatttttggt aaacatgaaa gtgcatacctt 540
tccctccaaa a 551

<210> 5225

<211> 555

<212> DNA

<213> Homo sapiens

<400> 5225

gctctgtgac accctttttt tgatcttcag tgctgttttt atggttacac gactaggaat 60
ctatccattc tggattctga acacgacctt ctttgagagt tgggagataa tcgggcctta 120
tgcttcattg tggctcctca atggcctgct gctgacctta cagcttctgc atgtcatctg 180
gtcctaccta attgcacgga ttgctttgaa agccttgatc aggggaaagg tgacctgtcc 240
aggaaggatk agwscswgtr mtgtssactc tttsmkcasc tcmkwsswwk wwkmtrtgmc 300
cgcgggasct gsacarwwws atctcttgca tgtatcgaag gatgatcgca gtgatgtgga 360
gagcagctca gaggaagaag atgtgaccac ctgcacaaaa agtccctgtg acagtagctc 420
cagcaatggt gccaatcggg tgaatggtca catgggaggg agctactggg ctgaagagta 480
aggtggttgc tataggact tcagcacaca tggactttgt agggccactg gcaaacaata 540
ctcctcttgg gcct 555

<210> 5226

<211> 498

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (498)

<223> n = A,T,C or G

<400> 5226

attcaagatg agatttgggt ggggacacag ccaaacccta tcggttgcc aattttacag 60
taacagtgtt aggtgaacag ttgtccagtc tctgtttttg tcggacactg tttctagcac 120
cttccaggca gaatctcatg tatecttcac tttcgaawts ggwacgagka tttcatcccc 180
acttttatca atgagaaact aaagctcgaa gaggtcaagt aagtctctgg ccaaggctcag 240
ctagcaggct ctagaggcct cgttctctct agaggcaagc cttgccaggg cccaggcttg 300
gcaggctgca gggcagggtg gggcatgcc a tggtagaggt gggaccattg aggtcagag 360
agggtaagt atgancctg gnacacagcg ggggtgggtc agagtccggc ctgcatcttc 420
tggagctggc cagtggacag gcctttcccg ttcacaagcc cggggctgct gttcccacca 480
aggggggaat gttgccta 498

<210> 5227

<211> 537

<212> DNA

<213> Homo sapiens

<400> 5227

ggatgggtgc cctggagcca ggcaaggcag gagggccccag aaacttggtg ggggagataa 60
cggaggggat ggagcaggag gaatcctgaa aaccggactg ggagagatgk grccsagtgg 120
asgakkycr staysasmkg gcgtmtgaga ckgaacatt aattctgaag aagaagaaac 180
tagacagtca gacctccagg actaagatga agtgagccga gaggagatcg tatcataaga 240
atgcttctgt cgttagccgg gtgcagtgt gtgtgtatct agttccagct acttgagagg 300
ctgaggcagg aggattgctt gagtccagaa agtggcagtt gcagtgagt gagatcgtgc 360
cactgctcwc cagcctgggt ggcagarcga gacctgtct caaaaaaata acaaaaacaa 420
aatgcttctg tcagttaaca atctttatta gagggttttt agtctttctt tctcagctgt 480
atgttaagtt ggttgacaaa tgcaataaaa cgtctttatt atcctttctt tctgaaa 537

<210> 5228
 <211> 735
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(735)
 <223> n = A,T,C or G

<400> 5228
 ggggcctgag gtgccagggt tcacagacag ggtttccac cagccacacg caccagctct 60
 atttggggga agtgtagtga ggaggagccc agaggacccc aggggagtga ggaggagaaa 120
 cttggaaggg tgcagcccac ttccagactc tccccctctc cacccttcta ccctgtgaag 180
 ggaaatgagg gctttagtgtt cctgggcagg gaggggcagc ttctgagggt gccaaaggcc 240
 cccactggat ggaacctgtt agctgctcct ctccgcagcc agaaatgctg cgggctgcac 300
 ccagaggagc agtgaggcag gacagatgga caggttcctc ctgcgctgta attccctgct 360
 ccctggagac tgggaaaagg ccgcagnacg ggggactggg cgggtggtggc tgggtggttta 420
 aagggtgaac tttctctgaa gtccttttcc cctttgctct tgggtccctgc ccngcaang 480
 caaacctgcc ccctctgcct ccagtgac ccaatgaccc cccttcccct tggggcggac 540
 ttcttgattg aagcacaaact cccccgcaag gancccaag cccacaaggg ttggccataa 600
 tttggggcag tttccaagtc ctgtnggctt cggctaatacn tggggganga agatttttng 660
 ggtcttgat ttcccttggg aaattgggtc cttgggcttg gaatnttttc cctaaggggg 720
 ccctcttant tcctt 735

<210> 5229
 <211> 317
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(317)
 <223> n = A,T,C or G

<400> 5229
 ggctgcctgg ggaaggagaa atctgagcca agacctgaca aatgaatagg agtaagctaa 60
 ggaaagtgaac tggggtgagt gagttccaaa tggagggaac tgcattgtga gaggcctgga 120
 ggtgagggga acctgggcac attccaggag ctgaagggtt tgttggtggc ggaacataaa 180
 gagccaaagg gggccaagca gtgcttcaca cctgtaatcc cagcrtctg ggaggcygag 240
 gtgggcagat cacctgaggc caggagttca agaccagcct ggtcaacgtg gtgaaaccct 300
 gtctctactn aaaatac 317

<210> 5230
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5230
 ggccactcgg cctcttccct cccttcgtcc cttcttcttc tccctttttt ccttcttctc 60
 tccccctctc gccgccaccg cccaggaccg ccggccgggg gacgagctcg gaggcagc 120
 caggtagaac tttagacttc atagcactga attaacctgc actgaaagct gtttacctgc 180
 atttgttcac tttgttgaa agtgaccatg tctcaagttc aagtgcaggt tcagaaccca 240
 tctgtctctc tctcaggag ccaaatactg aacaagaacc agtctcttct ctacagcct 300

<210> 5231

<211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5231
 atcagtatga actcttaaaa catgcagaag caactctagg aagtgggaat ctgagacaag 60
 ctgttatggt gcctgagga gaggatctca atgaatggat tgctgtgaac actgtggatt 120
 tctttaacca gatcaacatg ttatatggaa ctattacaga attctgcaat gaagcaagct 180
 gtccagtcac gtctgcaggt ccgagatatg aatatcactg ggcagatggg actaatatta 240
 aaaagccaat caaatgttct gcaccaaagt acattgacta ttgatgact tgggttcaag 300

<210> 5232
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5232
 ccggcggctc tggctgcccg gcggttgaga gcatggcctc tccaggggca ggtagggcgc 60
 ctccggagtt accggagcgg aactgcgggt accgcgaagt cgagtactgg gatcagcgc 120
 accaaggcgc agccgattct gccccctacg attggttcgg ggacttctcc tccttcctg 180
 ccctcctaga gccggagctg cggcccgagg accgtatcct tgtgctakgt tgcgggaaca 240
 gtgccctgag ctacgagctg ttctcggag gcttccttaa tgtgaccagt gtggactact 300

<210> 5233
 <211> 564
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (564)
 <223> n = A,T,C or G

<400> 5233
 gcagcagctc ccaggatgaa ctggttgacg tggctgctgc tgctgcgggg gcgctgagag 60
 gacacgagct ctatgccttt ccggtgctc atcccgtctg gcctcctgtg ygcgctgctg 120
 cctcagcacc atggtgcgcc aggtcccagc ggctccgcgc cagatcccgc ccactacagg 180
 gacgagtcac aggccatgtt ctaccacgcc tacgacagct acctggagaa tgcccttccc 240
 ttcatgagc tgcgacctct cacctgtgac gggcacgaca cctggggcag tttttctctg 300
 actctaattg atgcactgga caccttgctg attttgggga atgtctcaga attccaaaga 360
 gtggttgaag tgctccaggg acagcgtggg accttgatat tgatgtgaac gcctctgtgt 420
 ttgaaacaaa cattcgagtg gtagggagga ctctgtctt gttcatctgc ttttccaaga 480
 aggcctggggg gggaagtaga ggctggatgg gcctgtttcc ggggcttttc cttgagaatt 540
 ggctnaggan ggcgcccgaa aaat 564

<210> 5234
 <211> 596
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1) ... (596)
 <223> n = A,T,C or G

<400> 5234

```

actcaaagac acgtacatgt tgtccagcac cgtctcctcc aaaatcttgc gggccattgc      60
cttaaaggaa ggttttcatt ttgaggaaac attaactggc ttttaagtga tgggaaacag      120
agccaaacag ctaatagacc aggggaaaac tgttttattt gcatttgaag aagctattgg      180
atacatgtgc tgcccttttg ttctggacaa agatggagtc agtgccgctg tcataagtgc      240
agagttggct agcttcctag caaccaagaa tttgtctttg tctcagcaac taaaggccat      300
ttatgtggag tatggctacc atattactaa agcttcctat tttatctgcc atgatcaaga      360
aaccattaag aaattatttg aaaacctcag aaactacgat ggaaaaaata attatccaaa      420
agcttgtggc aaatttgaaa ttcttgccat tagggacctt acaactggct atgatgatag      480
ccaacctgat aaaaaaagct gttctttccc acttagttaa aaggcaggcc aaatggattc      540
accttcacct ttggctaatt ggaggggcgtg ggcaccntgc ggcaccagtg gggacn      596

```

<210> 5235
 <211> 732
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(732)
 <223> n = A,T,C or G

```

<400> 5235
gcttcgtgtg ctactgcgaa ggggaggaaa gcggggaggg ggaccgcggc ggcttcaacc      60
tctacgtgac cgacgccgcg gagctttgga gcacctgctt cacgccggac agcctggcgg      120
ccctcgtggg taactgggcg ggtctgggag ccgccacacc cctccttgca gtgcagatcg      180
tctatggggc gacagacatc tgggattccc cagaaggctc tgacaccctc tgcccgccct      240
gtagctgtag tctctccatt ggctagggct cttggggctg ggcagggttc ggggtgcccc      300
agtggcctcg ggttccaggc agctcgtgac aagccccctg gctctctaga aagcccgttt      360
tggcctgagt gcggtctgag acatcacccc ccggttcagg gcagcctgtg agcagcaagc      420
tgtggctctg actctgcagg aggacagagc atccctgacg ctttcagggg ggcctcggga      480
ctggcctttg acctctccaa ggtaccaggc ccagaggcag cccccaggct gtgggcgctg      540
acactgggac tggcaaaacg cgtgtggagc ctggagcgkc gactkgcagc tgcagaagag      600
acagctgtca gcccgaggaa gagcccccg cctgcagggc ttcagctctt cttaccagac      660
ccagatcccc agagagggtg ccctggacct nggagtcagg atgncgggtt ccaggagaat      720
tcgttcacn aa                                     732

```

<210> 5236
 <211> 816
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(816)
 <223> n = A,T,C or G

```

<400> 5236
ctgaaacagg gtcgggatgc cgatgccggc ttggagttag agrkkmgwca ccgctgagag      60
cagctgcagt agctgagyag tggcagcaga gaggcagacg tgagctgagg gcgcagaggc      120
aggcagcatc tctgagggc cccaaggagc atggctggga gccgtgaggt ggtggccatg      180
gactgcgaga tgggtgggct ggggcccacn ggnagagtg gcctggctcg ttgcagcctc      240
gtgaacgtcc acggtgctgt gctgtacgac aagttcatcc ggctgaggg agagatcacc      300
gattacagaa cccgggtcag cggggtcacc cctcagcaca tgggtgggggc cacaccattt      360
gccgtggcca ggctagagat cctgcagctc ctgaaaggca agctgggtgt gggtcattgac      420
ctgaagcacg acttccaggc actgaaagag gacatgagcg gctacacaat ctacgacag      480
tccactgaca ggctgttgtg gcgtgaggcc aagctggacc actgcaggcg tgtctcctgc      540

```

```

gggtgctgag tgagcgccctc ctgcacaaga gcatccagaa cagcctgctt ggacacagct      600
cggtggaaga tgcgagggca acgatggagc tctatcaaat ctcccagaga atccgagccc      660
gccgaggggt gccccgcctg gctgtgtcag actgaagccc catccagccc gtccgcagg      720
gactagaggc ttccggcttt ttgggacagc aactaccttg cttttggaaa atacattttt      780
aatagtaaag tggtctctata ttttctctac gccaaa      816

```

```

<210> 5237
<211> 817
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(817)
<223> n = A,T,C or G

```

```

<400> 5237
agacagagta ctgattggag gggatgaaac tccagagggc cagagagctg tgcaggccct      60
gtgtgctgta tatgagcact gggttcccag agaaaagatc ctcaccacta atacttggtc      120
ttcagagctt tccaaactgg cagcaaatgc ttttcttgcc cagagaataa gcagcattaa      180
ctccataagt gctctgtgtg aagcaacagg agctgatgta gaagaggtag caacagcgat      240
tggaatggac cagagaattg gaaacaagtt tctaaaagcc agtgttgggt ttggtgggag      300
ctgyttccaa aaggatgttc tgaatttggg ttatctctgt gaggctctga atttgccaga      360
agtagctcgt tattggcagc aggtcataga catgaatgac taccagagga ggaggtttgc      420
ttcccgatc atagatagtc tgtttaatac agtaactgat aagaagatag ctattktggg      480
atttgcattc aaaaaggaca ctggtgatac aagagaatct tctagtatat atattagcaa      540
atatttgatg gatgaagggtg cacatctaca tatatatgat ccaaaagtac ctaggggaac      600
aaatagttgt gggatctttc tcatccaggg tgtttcagag ggatgaccaa gtgtccccgg      660
cttcgtgacc atttccaagg atccatatgg aaggcatgtg atgggtgccc catgctgttg      720
tttattttgc actgagtggg gacatgtttt aaggggattt gggattattg gaccgcattc      780
cattaaaaaa atggcttaag nccagccctt tatnctt      817

```

```

<210> 5238
<211> 337
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<222> (1)...(337)
<223> n = A,T,C or G

```

```

<400> 5238
gtgcaccgga gggatgaagac agccctcgcg akgamkgwgg aggcctggkg agcaggcctg      60
accctgtgry rswrcwksag gctgcggtga agcgggccga ccacctggag gagctgctgg      120
agcarmmcag gagggccacg mcaagtacca agtgaccagg gatgccggga acactgtcga      180
agaacggaag gcagaggaca gaggctggac gttggcccag agcagagaga cgnccacctg      240
ccccccacag aggctggtgg ttnagatgcc cacggttaag cacctgtggc ttgcattttt      300
aaacagttaa aaggaggccg ttgttttcag cgctttt      337

```

```

<210> 5239
<211> 570
<212> DNA
<213> Homo sapiens

```

```

<220>

```

<221> misc_feature
 <222> (1)...(570)
 <223> n = A,T,C or G

<400> 5239
 gacttctgaa gaacatgaag caagcagaag ggtgaaagcg gagctgctgg ttcagatgga 60
 tgggtgttga ggtacttctg aaaatgatga cccctccaaa atgggttatgg ttctggcagc 120
 tactaatttt ccttgggata tagatgagggc tttaagacga cgccttgaga aacgaatcta 180
 tattcctttg ccgtcagcaa aaggcaggga ggagctatta cgaataagtc tacgtgaggt 240
 ggaattggct gatgatgttg accttgcaag tatagcagaa aacatggaag gttattcagg 300
 tgcggacatt accaactgtg gcaggggatg gtccttgatg gcaatgagaa ggcgcattga 360
 aggtttgact ccagaggaaa tccgaaatct ttccaaagaa gaaatgcaca tgcctacaac 420
 tatgggagga ttctgagatg gctttaaaaa aggtttctaa gtncagtggt cttgctggca 480
 gacatttgaa aggttacggg gaatgggtat ttgagtttg ggtccntgct aaatttntca 540
 cctgtaaact gttgaggaat gtgccttaag 570

<210> 5240
 <211> 907
 <212> DNA
 <213> Homo sapiens

<400> 5240
 agccaatgtg cttgcaagtg tacagatctg tgtagaggaa tgtgtgtata ttacctctt 60
 cgtttgctca aacatgagtg ggtatttttt tgtttggttt ttttgttggt gttgttttg 120
 aggcgcgtct caccctgttg ccagggctgg agtgcaatgg cgcgttctct gctcactaca 180
 gcacccgctt ccaggttga agtgattctc ttgcctcagc cccccagta gctgggatta 240
 caggtgcccc ccaccgcgcc cagctaattt tttaattttt agtrgagaca gggttttacc 300
 atgttgacca ggctggyctt gaactcctga cctcaagtg atctgcccac cttggcctcc 360
 ctaagtgtcg ggattatags cgtgagccac catgctcagc cattaaggta ttttgttaag 420
 aactttaagt ttagggtaag aagaatgaaa atgatccaga aaaatgcaag caagtccaca 480
 tggagatttg gaggacactg gttaaagaat ttatttcttt gtatagtata ctatgttcat 540
 ggtgcagata ctacaacatt gtggcatttt agactcgttg agtttcttgg gcaactccaa 600
 gggcggttgg gtcataagga gactataact ctacagattg tgaatatatt tattttcaag 660
 ttgcattctt tgtcttttta agcaatcaga ttccaagaga gctcaagctt tcagaagtca 720
 atgtgaaaaa tccttcctag gctgtcccac agtccttgct gcccttagat gaagccactt 780
 gtttcaagat gactactttg ggggttgggt ttcatctaaa cacatttttc cagtcttatt 840
 agataaatta gtccatatgg ttgggttaac aagagccttc tgggttttgg ttggtggcat 900
 taaatgg 907

<210> 5241
 <211> 1184
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1184)
 <223> n = A,T,C or G

<400> 5241
 gcaagatccc tccacctgtc attatgggtgc aaaatgtgag cttcaagtat acaaaagatg 60
 ggccttgcat ctacaataat ctagaatttg gaattgacct tgacacacga gtggctctgg 120
 tagggcccaa tggagcaggg aagtcaactc ttctgaagct gctaactgga gagctactac 180
 ccacagatgg catgatccga aaacactctc atgtcaagat agggcggttac catcagcatt 240
 tacaagagca gctggactta gatstmtorc ctttggagta catgatgaag tgctacccag 300
 agataaagga gaaggaagaa atgaggaaga tcattggggc atacgggtctn actgggaaac 360

aacaggtgag	cccaatccgg	aacttgctag	acgggcagaa	gtgccgagt	tgtctggcct	420
ggctggctgg	cagaaccccc	acatgctctt	cctggatgaa	cccaccaatc	acctggatat	480
cgagaccatc	gacgccctgg	cagatgccat	caatgagttt	gaggggtgga	tgatgctggg	540
cagccatgac	ttcagactca	ttcagcaggt	tgcacaggaa	atgtgggtct	gtgagaagca	600
gacaatcacc	aagtggcctg	ggagacatcc	tggcttacia	ggagcacctc	aagtccaagc	660
tgggtgattg	aggagcccca	gctcaccaag	agkaccacac	acgtgtgagc	cytytacctg	720
ggttcgggtg	aggagctcca	tcntgggaac	taacagctgc	taacctgacc	agccgctcag	780
gacaggaccc	tggggctaca	ctcctgcatt	gctgcaatac	tgctccccc	gcctctcccc	840
tgccccctcaa	cctgccttag	ctgcactctc	ttacctacag	ctggacagta	cctgtctgtt	900
tcctgtctctc	cttccagtta	catctgtcca	tgtctggact	cggctggccg	ttccctccag	960
cccccttctg	ttatcttaca	tctgagtgtg	atgcagtcag	aggcacctgc	gggttagccc	1020
aggggggccc	aactgatttg	gcctgcggag	gagcttagga	tcctcgtttt	ctgggttttg	1080
gtgatgttg	aggagtaccc	cccagcccac	cgcctcgatt	cctttttgct	tctgggttg	1140
agctccggac	caggaccttc	gtcctggtna	gtttttaaat	aatt		1184

<210> 5242

<211> 383

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<222> (1) ... (383)

<223> n = A,T,C or G

<400> 5242

gtaaaccttc	cccagtccta	tcagagcaaa	ctttctgggg	ttgcatcccc	tcagaaaccc	60
atttggggcc	caatctcaat	gcacatatca	gtgcgcaaag	cactaaaatt	ccaggcaaca	120
ctttgtattg	agagaagcca	aaatttttgt	cmggccctgg	gacatctaaa	gtcaccaatg	180
taactacacc	atacagatta	aacctcaca	tgatcatgta	agctatgcag	ttacccaagc	240
tgcatacttt	agaaaacctg	tacagttttt	atggaaaacca	tccctagtca	aggacacttt	300
aaatatatag	tctaaatacc	gttaaggtag	gccactagc	tgtgttcaca	ttttcccttg	360
gncaccttac	caggggactt	tta				383

<210> 5243

<211> 1278

<212> DNA

<213> Homo sapiens

<400> 5243

cacctgtgct	tgcagccagg	tcaggcccag	ctgcagccca	ggcaggagca	gtcgcccttc	60
ccaccacacag	cgctggccac	agggctccct	gcagggtcag	ggaccagacc	acgcccagag	120
gaggggaggc	actggccccc	gccacaggac	tggagacgca	agaacaaaaa	gaaccaagta	180
gagagagtgg	agctgcttta	ttgcccttgg	agcccgcgct	ctcgaggget	gtcttctgtc	240
gccaagggtc	ccggaccgag	tacacagtgg	cagctggctt	agttggtgga	cggcytgss	300
cactcgacgt	tgaggatgag	gtggtcgtag	ccaaagccgg	acaccccggc	aatggcacgc	360
gcagsatcct	cgcggcggtg	gaagctgatg	aaggcraagc	ccttggattg	gccagtggtc	420
ttgtccttag	ccaggtagat	gcgggagatg	gagccgaaag	gcsghaagag	ctcctgcagg	480
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ctgcgggttg	gctgcatgga	ctcccccgcg	cggctggccc	cgtcgcmag	gtcggcggm	600
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tccttctcgc	cagtaracag	gcccagctgc	tcggccagct	ccttctgcat	gggccccagc	720
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cacgcagccc	aagcccg					1278

<210> 5244
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5244						
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aagcagagag	agaaggcggc	aggcatcagc	gtttttcttct	atgaacttat	aagatcaaag	180
actttaagac	tttcaactatt	tctttctaccg	ctatctacta	cgaacttcaa	agaggaacca	240
ggagtagcga	aggagcatga	aagtggacaa	ggaacgtgac	cattgaagca	ccacagggag	300

<210> 5245
 <211> 496
 <212> DNA
 <213> Homo sapiens

<400> 5245						
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gkttttatttg	tcttattaat	atmagaaggc	aggaatgtca	ggcctctgag	cccaggccag	120
gccatcgcat	cccctgtgac	ttgcacgtat	acatccagat	ggcctgaagt	aactgaagat	180
ccacaaaaga	agtaaaaaca	gccttaactg	atgacattcc	amcattgtga	tttgttctctg	240
ccccacccta	actgatmaat	gtacttttga	atctccccc	cccttaagaa	ggtcttttgt	300
aattctcccc	acccttgaga	gtgtactttg	tgagatccac	acctgcccac	cagagaacaa	360
accccytttg	actgtaattt	tccattacct	tccctaatac	tataaaacgg	ccccacccca	420
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ccttggtgct	cacaca					496

<210> 5246
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5246						
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ttgggcagag	ctgacctcag	agaacagtgc	gggtctctctg	ccctcctggg	gcagtcacca	120
ggacgaggtg	ccaggtgcct	ggcccatggt	gcaggggggc	gtggagccca	tgcagatcga	180
cgtggacccc	caggaagacc	cgcagaatgc	acctgacgtc	aactacgtgg	tggagaaccc	240
cagcctggat	ctggaacagt	acgcggccag	ctacagcggc	ctggccactg	ggtgccaccc	300

<210> 5247
 <211> 300
 <212> DNA
 <213> Homo sapiens

<400> 5247						
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acgggagctg	agcgtggagg	cctcatgggt	agtgaatgg	agagccatcc	tccctcgcag	120
ggtcctgggg	acggggagcg	gagattgtcc	ggctcaagcc	tctgctccgg	ctcttgggtc	180

tctgctgacg	gcttctctgag	gagacggccc	tccgtaaggg	atcagtgggg	cagggggaag	240
gcggcacatt	gaaaaacgga	gtgagaaaca	ggaagctttc	tccgaaagga	gaagaagata	300

<210> 5248
 <211> 507
 <212> DNA
 <213> Homo sapiens

<400> 5248						
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gcggggtcgc	catggctgag	ctgcagcagc	tccgggtgca	ggaggcggtg	gagtcocatg	120
tgaagagtct	ggaaagagmg	rwcmstckkm	wsyrcrgag	gtctcatgtt	ccggtgcagc	180
gccagctgtt	gtgaggacag	ccaggcctcc	atgaagcagg	tgcaccagtg	catcgagcgc	240
tgccatgykc	ctctggctca	agcccaggct	ttggtcacca	gtgagctgga	gaagttccag	300
gaccgcctgg	cccgggtgcac	catgcattgc	aacgacaaa	ccaaagattc	aatagatgct	360
gggcgtaagg	agcttcagg	gaagcagcag	ctggacagtt	gtgtgaccaa	gtgtgtggat	420
gaccacatgc	acctcatccc	aactatgacc	aagaagatga	aggaggctct	cttatcaatt	480
ggaaaaataaa	agtatcttcc	agtggcc				507

<210> 5249
 <211> 1718
 <212> DNA
 <213> Homo sapiens

<400> 5249						
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agcaggctaa	caatagccca	ccagtggctc	aggcatcagt	agggcaacag	acacagccat	120
tgccctcacc	tccaccacag	cctgcccagc	tttcagtcca	gcaacaggga	gtcagccaa	180
cccgtcgggt	agcacctcgg	aaccgtggca	gtgggttcgg	tcataatggg	gtggatggta	240
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tggagaagct	tccgtccatt	aataactata	accccaaaga	ttttgactgg	aatctgaaac	360
atggccgggt	tttcatcatt	aagagctact	ctgaggacga	tattcacctg	tccattaagt	420
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gcgtggcaga	aatgaaatct	gctgtggact	acaacacatg	tgcagggtgtg	tgggtccagg	600
acaaatggaa	gggtcgtttt	gatgtcagg	ggatttttgt	gaaggacgtt	cccaatagcc	660
aactgcgaca	cattcgctta	gagaacaacg	agaataaac	agtgaccaac	tctagggaca	720
ctcaggaagt	gcctctggaa	aaggctaagc	aggtgttgaa	aattatagcc	agctacaagc	780
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aacggttgca	tctgcatatc	ctaagaggaa	aaaatgacct	tcaagagaat	taggactttt	960
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atgcattttg	gaagagaaaa	atactgtaaa	acgtgtcgtg	aatgtttctt	cagttttctt	1620
ttcagccaat	gaggaaaggg	cattgccttt	ctttttacca	ttaatcactt	ctcaataaac	1680
gtgagatcct	gttgagcatc	aaaaaaaaaa	agtcgacc			1718

<210> 5250

<211> 426
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(426)
 <223> n = A,T,C or G

<400> 5250
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 acgggctgac ccccccgctg acagagccgg tgggtgtact ggagggggcac accaagcgag 180
 tgggcatcat cgccctggcac cccacggccc gaaacgtgct gctcagtgcg ggctgcgaca 240
 acgtggtact catctggaat gtgggcacag cggaggagct gtaccgcctg gacagcctgc 300
 accctgacct catctacaat gtcagctgga accacaatgg cagcctgttt tgctcagcat 360
 gcaaggacaa gagcgtgcgc atcatcgacc cccgtcgggg caccctgggtg gcagancggg 420
 agaagg 426

<210> 5251
 <211> 538
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(538)
 <223> n = A,T,C or G

<400> 5251
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 gttgaggaca cctaggttca cggctctgagt aacacctcat tacaccgaag cctgggcctg 120
 tattcccaga gctttgggag gctgaggcga gaggatcact tgagcacagg agttcgagac 180
 cagcctggac aacatagtga gacccccatc tctaaataaa aatagaccaa cgctaaagcc 240
 tgtgtctccag agcctccagg mawttggatc agaagtgcga gctctggtgg gaggaaggcg 300
 agtctcatg tgtgtccctg tgccactttg ccttgnccct ttgctgtcca tcctttttca 360
 gggcggtggac tccttgggtgc tagaaagcgt gatgttcgcc atacttgccg acgggtccgc 420
 tggggcccca gcttgtacgg agtccttccc agaaggcccg gcttgggaaca gtacatccca 480
 agtcnggcca tttgaaaact tcaaagaagc ttcgagaagc cagtgttgtc agcagcca 538

<210> 5252
 <211> 1603
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <222> (1)...(1603)
 <223> n = A,T,C or G

<400> 5252
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 saygayggac acaaacacgc cctgctatgc cctcttagaa gttacctaca agggcactca 180
 gtggtatgaa caaaccawag aagaattgat ggctcctacc cttcttccag aactccatct 240
 tttaaagcac gattaaagta aaaggcccaa gatactggga actgctcata gatttaagca 300

aaggaacaca	acacttgaag	tccatccttt	ccaaggatgg	ggttttatat	gttaaaactcc	360
gggcgggtca	gctctcctac	aaagaagatc	caatgggatg	gcaaagtttg	ttggctcaga	420
ctggttgctaa	caggaactct	gaagcccggg	ctttcaagca	gaaacaatct	cagcattcac	480
ttctgatcca	gcacttctgt	catttgctga	atatttctgc	aagccaactg	tgaacatggg	540
tcagaaacag	gaaattctgg	atctcttttc	ttcagtactc	tatgaatgtg	ttaccaggga	600
gaccccagag	atgttgccctg	catacatagc	aatggatcag	gctataagaa	gacttgggag	660
aagagaaaatg	tctgagactt	ctgaactttg	gcagataaaag	ttggtgttag	agtttttcag	720
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ctttagccat	ttcctcagat	gtcacagtgt	tccccgtcta	aaataagttt	gtacttctgg	1560
gtgaccatgn	ccagacactc	ttatggaggt	gatccccctt	aac		1603

